

BILL NO. G-77-06-25

GENERAL ORDINANCE NO. G-28-77

AN ORDINANCE approving the Final Revised Waste Treatment Cost Recovery Report and amend Chapter 24 and approve a new Chapter 34 of The Code of the City of Fort Wayne, Indiana of 1974.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That the Final Revised Waste Treatment Cost Recovery Report dated May 16, 1977 which is filed with the EPA in connection with the City's Grant C180538 01 and which contains user charge system and industrial cost recovery system as well as regional contract rates and a model contract, all as more particularly set forth in said Report which is on file in the Office of the Board of Public Works and is by reference incorporated herein, made a part hereof and is hereby in all things ratified, confirmed and approved.

SECTION 2. That Chapter 24 of The Code of the City of Fort Wayne, Indiana of 1974 is hereby amended by deleting it in its entirety and adding in lieu thereof the entire Chapter 24 entitled "Sewers and Sewerage System" all as set out in the attachment to the Report above mentioned which is on file in the Office of the Board of Public Works and is by reference incorporated herein, made a part hereof and is hereby in all things ratified, confirmed and approved.

SECTION 3. That a new Chapter 34 of The Code of the City of Fort Wayne, Indiana of 1974 is hereby added entitled "Industrial Cost Recovery System" all as set out in the attachment to the Report above mentioned which is on file in the Office of the Board of Public Works and is by reference incorporated herein, made a part hereof and is hereby in all things ratified, confirmed and approved.

APPROVED AS TO FORM
AND LEGALITY,


CITY ATTORNEY

1
2 SECTION 4. This Ordinance shall be in full force
3 and effect from and after its passage and approval by the
4 Mayor.
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7 Councilman
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Read the first time in full and on motion by Burns, seconded by

Hunter and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for

recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, of the Council Chambers, C.R. - Eng Bldg. City-County Building, Fort Wayne, Indiana, on Tuesday, the 12th day

of July, 1977, at 7:30 o'clock P. M., E.S.T.

DATE: 6-14-77

Charles W. Whitman
CITY CLERK

Read the third time in full and on motion by Burns,

seconded by Hunter, and duly adopted, placed on its passage.

PASSED (~~LOST~~) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	<u>0</u>			
<u>BURNS</u>	<u>X</u>				
<u>HINGA</u>	<u>X</u>				
<u>HUNTER</u>	<u>X</u>				
<u>MOSES</u>	<u>X</u>				
<u>NUCKOLS</u>	<u>X</u>				
<u>SCHMIDT, D.</u>	<u>X</u>				
<u>SCHMIDT, V.</u>	<u>X</u>				
<u>STIER</u>	<u>X</u>				
<u>TALARICO</u>	<u>X</u>				

DATE: 7-26-77

Charles W. Whitman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as

(ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE

(RESOLUTION) No. 9-28-77 on the 26th day of July, 1977.

ATTEST: (SEAL)

Charles W. Whitman
CITY CLERK

John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 27th

day of July, 1977 at the hour of 3:00 o'clock P. M., E.S.T.

Charles W. Whitman
CITY CLERK

Approved and signed by me this 27th day of July, 1977,

at the hour of 5:00 o'clock

P. M. E.S.T.

Rahel E. Chambers
MAYOR

Committee
Session
July 12

Bill No. G-77-06-25

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance

approving the Final Revised Waste Treatment Cost Recovery Report and amend

Chapter 24 and approve a new Chapter 34 of The Code of The City of Fort Wayne,

Indiana of 1974

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance RD PASS.

PAUL M. BURNS - CHAIRMAN

FREDRICK R. HUNTER - VICE CHAIRMAN

VIVIAN G. SCHMIDT

WINFIELD C. MOSES, JR.

JAMES S. STIER

Paul M. Burns
Fredrick R. Hunter
Vivian G. Schmidt
Winfield C. Moses, Jr.
James S. Stier

DATE 7-26-77 CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Final Revised
Waste Treatment Cost Recovery Report
May 16, 1977

"Exhibit A"

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

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ROBERT E. ARMSTRONG

Mayor

WILLIAM G. SCHNIZER

City Controller

WILLIAM N. SALIN

City Attorney

CHARLES W. WESTERMAN

City Clerk

COMMON COUNCIL

Paul M. Burns

James Stier

Winfield Moses, Jr.

William T. Hinga

Samuel J. Talarico

Fred R. Hunter

Vivian G. Schmidt

John Nuckols

Donald J. Schmidt

BOARD OF PUBLIC WORKS

Mrs. Ethel H. LaMar

Henry P. Wehrenberg

Chairman

Max G. Scott

UTILITY CONSULTANT

BERNARD T. PERRY

Certified Public Accountant

Indianapolis, Indiana

BERNARD T. PERRY
Certified Public Accountant
SUITE 102
1815 NORTH MERIDIAN STREET
INDIANAPOLIS, INDIANA 46202
(317) 924-5543

May 6, 1977

Robert E. Armstrong, Mayor
City of Fort Wayne, Indiana
City County Building
One Main Street
Fort Wayne, Indiana 46802

Dear Mayor Armstrong:

The purpose of this letter is to transmit to the City of Fort Wayne the data compiled and what are hoped to be final revisions to prior reports of this nature prepared by the writer relating to requirements of the Environmental Protection Agency pursuant to 40 CFR 35.935-13.

Pursuant to my instructions this report is being filed concurrently with the Environmental Protection Agency Region V in Chicago, Illinois and the Utilities Committee of the Common Council of the City of Fort Wayne.

The financial schedules included in the attached report are based on unaudited financial reports of the Fort Wayne Water Pollution Control Utility, the writer's personal examination of financial and billing records and books, and revenue data currently stored in the City's computer system. Data concerning volume and strength of wastewater is based on sample data compiled from sewage plant production records and from volume and strength sampling performed at individual user property sites. In no case was individual customer data subject to continuous sampling throughout the period. The base sample period employed was the calendar year 1975 modified by other data compiled for later reports taken during periods in 1976 and 1977. Nearly all manufacturing class wastewater tests were subject to multiple sampling. In each case, unless there was obvious statistical error, the latest data available was used for purposes of this report.

The conclusions as to equitable rate design and structure of a non-discriminatory user charge system and for establishment of an industrial cost recovery system have been incorporated in revisions of the Municipal Code of the City of Fort Wayne, as well as Rules and Regulations relating

thereto, and are attached to and made a part of this report. All modifications and revisions are being presented to the Board of Public Works and Common Council of the City for approval; the holding of public hearings as prescribed by the laws of the State of Indiana; and enactment, after final approval of the Environmental Protection Agency of the United States is forthcoming.

Respectfully submitted,

Bernard T. Perry

BTP:jk

PURPOSE OF THE REPORT

The City of Fort Wayne has been awarded a Step III grant for state and federal financial assistance under the provision of United States Public Law No. 92-500, Federal Water Pollution Control Act Amendments of 1972 in the total amount of \$25,060,275. Said grant represented approximately 75% of the construction and non-construction costs associated with improvements to the City's Water Pollution Control Utility which are now under construction. The remaining construction and non-construction costs of the project were financed by a grant of approximately \$1,980,000 from the State of Indiana and the issuance and sale of \$7,000,000 of sewage works revenue bonds 1975 by the City of Fort Wayne.

The project, representing the construction hereinbefore referred to, has been designated Water Pollution Control Project No. C180538 01. Acceptance of the federal grant under this project designation was made subject to 40 CFR 35.935-13 which requires the establishment of a User Charge System and subject to 40 CFR 35.928-1 which requires establishment of an Industrial Cost Recovery System. Both the User Charge System and the Industrial Cost Recovery System are subject to legislative enactment by the City of Fort Wayne, Indiana and further subject to approval by the Region V Office of the United States Environmental Protection Agency, Chicago, Illinois.

The purpose of this report is to set forth the legislative enactments adopted by the City of Fort Wayne and exhibited in the appendix of this report and to set forth the calculations and other data used to establish the User Charge System and the Industrial Cost Recovery System applicable to the recipients of service from the Water Pollution Control Utility owned and operated by the City of Fort Wayne, Indiana. This report summarizes and amends prior reports submitted under dates of July 15, 1975, March 15, 1976, November 2, 1976 and April 1, 1977.

STATEMENT OF COMPLIANCE
EPA GUIDELINES FOR ESTABLISHING USER CHARGE SYSTEM
AND INDUSTRIAL COST RECOVERY SYSTEM

User Charge System

The Fort Wayne Municipal Code as it pertains to the user charge system being established for all recipients of municipal wastewater treatment services has established criteria for classification of all such recipients into two classes, i.e. Domestic and Manufacturing. The Code includes all of the provisions relating to use of the sewers and the treatment facilities as well as a cross-reference rate ordinance. The rate ordinance provides for a one-step user charge which, in the opinion of the City of Fort Wayne, is proportionate to the operation, maintenance and replacement costs incurred in providing service for each of the two user classes referred to above, without any disproportion between the users in each class. No discounts have been permitted for quantity of sewage flow in relation to demand characteristics of any class of customer or any customer in any class. All user classes have shared in infiltration/inflow costs on the basis of allocation of 75% of such costs on the number of connections of each class of customer with the remaining 25% allocated on the percentage of total flow. There has been no excess capacity assigned in the establishment of the proposed user charge for the reason that the peak load contributions to the utility system peak of the two classes of customers have been consistently observed from plant operating statistics to be in excess of the design capacity of the present sewage facilities.

In addition to the user charge, a surcharge for extra strength waste emanating from industries which is in excess of domestic sewage characteristics as defined in the Code has been established based on the excess strength of such wastes in the categories of suspended solids, BOD, and phosphorus. In respect of commercial customers contributing excess strength wastes to the system, the Code provides that the extra strength surcharge applicable to industry will likewise be applicable to commercial class users, as defined in the Code, to the extent that such users contribute wastes which are in excess of normal domestic sewage characteristics as defined. The limits of the characteristics of normal domestic sewage as defined in the Code are BOD concentrations greater than 220 milligrams per liter, COD greater than 440 milligrams per liter (when BOD cannot be measured), suspended solids greater than 250 milligrams per liter and phosphorus greater than 10 milligrams per liter.

The Fort Wayne Municipal Code further establishes a zone surcharge to be collected from customers situated outside of the primary operating zone of the utility as designated by a map exhibited in this report hereafter. The purpose of the zone surcharge is to preclude discrimination in the total charges for sewage service rendered to users situated in the primary operating zone. The basis of such possible discrimination in rates arises from the fact that certain of the utility's interceptor system facilities,

approximating an aggregate present value of \$990,000, were funded in prior periods by ad valorem taxes levied on users in said primary operating zone.

Included in the total charges proposed to be collected from recipients of sewage service of the City of Fort Wayne as provided by the Municipal Code, there has been established an additional charge to refund debt service attributable to revenue bonds issued in years prior to 1975. No debt service charge was included in the rates being proposed in respect of the debt service of the 1975 revenue bonds issued to fund the City's share of Project No. C180538 01. It has been presumed that the debt service and coverage on this bond issue will not be subject to collection from users of the system until the improvements now under construction are first put in service to the public.

Industrial Cost Recovery System

The Fort Wayne Municipal Code as exhibited hereafter in this report provides for legislative enactment of an Industrial Cost Recovery System which, in the opinion of the City of Fort Wayne, meets all the requirements of PL 92-500 as amended and supplemented and all regulations promulgated thereunder by U. S. Environmental Protection Agency. The system provides definition of all necessary categories and functions incident to collection of funds from eligible industries and the remittance of recovered amounts to the United States Treasury on a timely and orderly basis.

The eligibility of users is based on definition of such users as provided by the Standard Industrial Classification Manual, 1972, Office of Management and Budget, Division D.

Allocation of the portion of the EPA grant subject to industrial cost recovery has been made on the basis of allocating construction costs using the criteria of flow, BOD, suspended solids, and phosphorus. The total recoverable amount has been scheduled to be collected from eligible users over a 30 year period. The recoverable amount assignable to the first period has been distributed between the various eligible industrial users on the basis of sewage flow for the reason that, in the opinion of the City of Fort Wayne, this is the most equitable method of imposition of such a charge under the circumstances prevailing at this time and pursuant to records and data now available to the City.

DESCRIPTION OF THE CITY AND THE WASTEWATER
TREATMENT FACILITIES

The City of Fort Wayne has constructed and now owns and operates a sewage works pursuant to powers granted its Common Council by the Indiana General Assembly subject to Indiana Code of 1971, Title 19, Article 2, Chapter 5 (formerly Chapter 284 of the Acts of the Indiana General Assembly).

The sewage system includes a treatment plant with a current capacity of 32 MGD together with an interceptor and collection system comprised of both combined and separate sewers, lift stations, diversion devices, and all the necessary equipment required to efficiently operate such an enterprise. In addition, the City collects and treats sewage for privately owned sewage utilities with property contiguous to the City of Fort Wayne. This treatment function is presently being performed pursuant to contracts with the various private utilities. The City has been negotiating with the City of New Haven, Indiana to treat the wastewater of that community upon completion of construction now being performed to expand the secondary treatment capacity of the City's plant to 60 MGD. This work is being performed, subject to federal and state grants, under Federal Project No. C180538 01.

According to the 1970 census the population of the City of Fort Wayne is 178,021. It is estimated that the total population connected to the sewage system as of December 31, 1975 was 218,000. The excess of connected population to census population is attributable to estimated population growth of the City during the past four years, the users served through the private utilities mentioned previously, and users being served who reside outside the corporate limits of the City.

The City of Fort Wayne is located in northeastern Indiana, 116 miles northeast of Indianapolis. It is the county seat of Allen County and is the third largest city in Indiana. It has been estimated by the Allen County Chamber of Commerce that consumer spendable income in the Fort Wayne metropolitan area is the highest in the State of Indiana.

The government of the City of Fort Wayne consists of a Mayor, a Common Council of nine members, a City Clerk, and a City Controller. The business and operations of the municipally-owned sewage works is administered by a Board of Works employed on a full time basis. In addition to the Water Pollution Control Utility, the City owns and operates a water utility and until recently an electric utility. In 1974 its electric utility was leased, on a long term basis, to an investor-owned electric utility situated in the same service area.

The assessed valuation of real and personal property situated in the City of Fort Wayne for the year 1974 was \$438,045,450. The total

tax rate of the City approximated \$10.90 per \$100 assessed valuation for the year 1974, subject to a 20% reduction arising from property tax relief provided from state tax funds. In the State of Indiana real and personal property is subject to assessment at true value which is estimated to be one third of current value.

There are 390 manufacturing firms located in Allen County, the majority of which are situated within the corporate limits of the City of Fort Wayne. These firms have an estimated employment of 61,700. The large majority of manufacturing firms in the area are small in size and contribute essentially sanitary waste to the sewage system. Several of the larger manufacturing businesses which deliver wastewater to the City's system have installed pre-treatment facilities.

The property and plant of the present City treatment and collection system for wastewater has been financed heretofore by the issuance of revenue bonds, federal and state grants, ad valorem tax levies, and by the reinvestment of earnings of the utility. The Water Pollution Control Utility had outstanding on November 30, 1975 a total of \$12,730,000 of revenue bonds issued in 1959, 1961, 1970, and 1975. Included in this total of bonds now outstanding are \$6,900,000 of an original 1975 issue of sewage works improvement revenue bonds issued to fund the City's share of the improvements associated with Federal Project No. C180538 01. All of these bonds have been issued under the authority of Indiana Code of 1971, Title 19, Article 2, Chapter 5 and are secured solely by a lien on the net revenues of the sewage system. For purposes of describing that lien, net revenues have been defined as the gross revenues remaining after payment of all operating and maintenance costs of the utility.

FORT WAYNE WATER POLLUTION CONTROL UTILITY

Fort Wayne, Indiana

Comparative Balance Sheet

	<u>December 31,</u>	
	<u>1974</u>	<u>1975</u>
<u>ASSETS</u>		
<u>Utility Plant</u>		
Utility Plant in Service	\$ 34,782,593	\$ 35,885,101
Construction Work in Progress	<u>763,975</u>	<u>15,245,879</u>
	35,546,568	51,130,980
Less: Reserve for Depreciation	<u>7,978,416</u>	<u>8,566,611</u>
Net Utility Plant	<u>27,568,152</u>	<u>42,564,369</u>
<u>Current and Accrued Assets</u>		
Cash and Temporary Cash Investments	5,918,334	11,458,005
Receivables - Net of allowance for doubtful accounts	537,554	3,390,767
Inventories	34,868	31,182
Prepaid Expenses	6,006	18,089
Deferred Assets	<u>37,273</u>	<u>114,039</u>
Total Current and Accrued Assets	<u>6,534,035</u>	<u>15,012,082</u>
TOTAL ASSETS	\$ <u>34,102,187</u>	\$ <u>57,576,451</u>
<u>LIABILITIES AND EQUITY</u>		
<u>Equity of the Municipality</u>		
Equity and Donated Surplus	\$ 19,747,246	\$ 33,893,776
Earned Surplus	<u>7,479,746</u>	<u>8,194,123</u>
Total Equity of the Municipality	<u>27,226,992</u>	<u>42,087,899</u>
<u>Liabilities</u>		
Revenue Bonds Payable	6,010,000	12,730,000
Board of Aviation Debt Payable	57,056	60,224
Accounts Payable	510,279	2,278,012
Accrued Interest	130,368	314,972
Other Accrued Liabilities	<u>167,492</u>	<u>105,344</u>
Total Liabilities	<u>6,875,195</u>	<u>15,488,552</u>
TOTAL LIABILITIES AND EQUITY	\$ <u>34,102,187</u>	\$ <u>57,576,451</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY

Fort Wayne, Indiana

Comparative Statement of Income
Years Ending December 31,

	<u>1974</u>	<u>1975</u>
<u>Operating Revenues</u>	\$ <u>2,907,227</u>	\$ <u>3,607,096</u>
<u>Operating Expenses</u>		
Operation Expense	639,247	1,011,654
Maintenance Expense	198,500	180,360
General Expense	457,409	210,826
Administrative Expense	510,381	810,940
Depreciation	<u>541,032</u>	<u>612,503</u>
Total Operating Expenses	<u>2,346,569</u>	<u>2,826,833</u>
Operating Income	<u>560,658</u>	<u>780,813</u>
<u>Other Income</u>		
Interest Income	493,469	740,759
Miscellaneous Income	<u>94,967</u>	<u>235,831</u>
	<u>588,436</u>	<u>976,590</u>
<u>Other Deductions</u>		
Interest - Long Term Debt	320,069	709,642
Contributions to Civil City in Lieu of Taxes	<u>299,776</u>	<u>333,386</u>
	<u>619,845</u>	<u>1,043,028</u>
Net Income	\$ <u>529,249</u>	\$ <u>714,375</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Amortization Schedule - Revenue Bonds of 1975

<u>Date</u>	<u>Total Bonds Outstanding</u>	<u>Principal</u>	<u>Interest</u>	<u>Total Annual Requirement</u>
8-1-76	6,900,000	125,000	450,750	575,750
8-1-77	6,775,000	135,000	442,000	577,000
8-1-78	6,640,000	135,000	432,550	567,550
8-1-79	6,505,000	145,000	423,100	568,100
8-1-80	6,360,000	155,000	412,950	567,950
8-1-81	6,205,000	155,000	402,100	557,100
8-1-82	6,050,000	175,000	391,250	566,250
8-1-83	5,875,000	190,000	379,000	569,000
8-1-84	5,685,000	195,000	365,700	560,700
8-1-85	5,490,000	205,000	352,050	557,050
8-1-86	5,285,000	215,000	337,700	552,700
8-1-87	5,070,000	220,000	322,650	542,650
8-1-88	4,850,000	240,000	307,250	547,250
8-1-89	4,610,000	265,000	290,450	555,450
8-1-90	4,345,000	315,000	273,225	588,225
8-1-91	4,030,000	395,000	252,750	647,750
8-1-92	3,635,000	320,000	227,075	547,075
8-1-93	3,135,000	475,000	206,275	681,275
8-1-94	2,840,000	650,000	175,400	825,400
8-1-95	2,190,000	710,000	133,150	843,150
8-1-96	1,480,000	740,000	85,580	825,580
8-1-97	740,000	<u>740,000</u>	<u>37,000</u>	<u>777,000</u>
		<u>6,900,000</u>	<u>6,699,955</u>	<u>13,599,955</u>
		- - - - - Divide by 22 years - - - - -		
Total Annual Requirement		<u>313,636</u>	<u>304,543</u>	<u>618,179</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Amortization Schedule - Revenue Bonds of
1959, 1961, and 1970

<u>Date</u>	<u>Total Bonds Outstanding</u>	<u>Annual Principal and Interest</u>			<u>Total Annual Requirement</u>
		<u>Bonds of 1959</u>	<u>Bonds of 1961</u>	<u>Bonds of 1970</u>	
8-1-76	5,830,000	141,694	94,926	252,566	489,186
8-1-77	5,645,000	138,594	98,526	253,016	490,136
8-1-78	5,450,000	145,494	96,950	253,116	495,560
8-1-79	5,240,000	147,006	100,376	252,866	500,248
8-1-80	5,015,000	143,326	98,626	252,266	494,218
8-1-81	4,785,000	149,644	106,876	251,316	507,836
8-1-82	4,530,000	145,576	104,626	250,286	500,488
8-1-83	4,270,000	146,506	102,376	249,110	497,992
8-1-84	4,000,000	142,244	110,126	252,610	504,980
8-1-85	3,710,000	147,982	107,500	255,460	510,942
8-1-86	3,400,000	153,332	104,876	257,420	515,628
8-1-87	3,070,000	153,294	112,250	258,710	524,254
8-1-88	2,715,000	153,062	109,250	259,050	521,362
8-1-89	2,345,000	142,638	106,250	263,700	512,588
8-1-90	1,965,000	103,250	113,250	267,150	483,650
8-1-91	1,595,000	-	164,876	264,550	429,426
8-1-92	1,260,000	-	264,438	266,250	530,688
8-1-93	805,000	-	140,062	261,900	401,962
8-1-94	455,000	-	-	256,850	256,850
8-1-95	230,000	-	-	246,100	246,100
		<u>2,153,642</u>	<u>2,136,160</u>	<u>5,124,292</u>	<u>9,414,094</u>
<u>- - - - - Divide by 19 years - - - - -</u>					
Average Annual Requirement		<u>113,350</u>	<u>112,429</u>	<u>269,700</u>	<u>495,479</u>

DEFINITIONS RELATING TO PROPOSED USER CHARGE SYSTEM
AND INDUSTRIAL COST RECOVERY SYSTEM

The purpose of outlining the definitions referred to hereafter is to provide explanation of terminology used and methods employed in calculation of various allocation factors and rate components employed in establishment of user charges, debt service charges, and surcharges.

Quantity of Sewage Billed - Meter readings for volume of water distributed to sewage customers by the municipal water works owned and operated by the City of Fort Wayne. Quantities are stated in million gallons (MG) and are adjusted for customers receiving sewage service having access to water from other sources.

Inflow/Infiltration - The quantity of influent entering the system by drainage and seepage. Estimated to be the difference between the quantity of sewage billed and the quantity of raw sewage treated.

Domestic Class - Includes all domestic users as defined in the Fort Wayne Municipal Code and all users provided service through wholesale contracts entered into by the City of Fort Wayne for private sewage utilities contiguous in service area to the City of Fort Wayne.

Manufacturing Class - Includes all customers as defined in the Fort Wayne Municipal Code.

Number of Accounts - The number of accounts for each class of user is the number of accounts billed for sewage service without regard to the number of connections. The aggregate total for the domestic class includes the number of individual customers served by other private sewage utilities having contracts for service with the City of Fort Wayne.

Commercial Users Subject to Surcharge - All users for whom waste surveillance indicates waste concentration in excess of allowable limits as defined by the Fort Wayne Municipal Code.

Waste Conversion Factor - An arithmetic factor used to compute the number of pounds of waste attributable to various levels of concentration of suspended solids, BOD, and phosphorus.

Manufacturing Users Subject to Surcharge - All users found by waste surveillance to be contributing strength of wastes of suspended solids, BOD, and phosphorus in excess of allowable limits as defined by the Fort Wayne Municipal Code.

Annual Weight of Domestic Waste - Estimated by deducting from total system weight of waste treated by the City the weight of waste contributed by industrial class users and further adjusted for the weight of waste attributable to inflow/infiltration allocated to the domestic class.

Average System Strength of Waste - The average strength of waste treated by the City's plant for the year 1975 in respect of suspended solids, BOD, and phosphorus.

Replacement Costs - Depreciation of original cost of plant in service computed on the basis of a 50 year life for structures, a 20 year life for sewer collection equipment and treatment plant equipment, and a 10 year life for common plant equipment.

Conveyance and Collection Costs - All costs attributable to the collection and delivery to the treatment plant of sewage flow as estimated in the 1976 budget of the utility. Budget costs are costs experienced in 1975 adjusted for known, fixed, and measurable changes in said historical costs.

Treatment Costs - All costs attributable to the treatment of sewage flow as estimated in the 1976 budget of the utility. Budget costs are costs experienced in 1975 adjusted for known, fixed, and measurable changes in said historical costs.

Administrative Costs - Administrative expenses of the utility are set forth in the 1976 budget of the utility and are further allocated in the report as to attributable function. Budget costs are costs experienced in 1975 adjusted for known, fixed, and measurable changes in said historical costs.

Capital Costs - Debt service (principal and interest) payable in the year 1976 from sewage works revenue bonds issued in 1959, 1961, 1970, and 1975.

Coverage - Additional revenues equal to 25% of all debt service payable annually required to be collected from patrons in order for the utility to be eligible to issue parity bonds and to further continue to maintain the financial integrity of the enterprise.

Flat Charges - Charges imposed, based on estimated sewage flow, for customers having no metered water service.

Bulk Waste Revenues - Charges imposed for the treatment of bulk waste delivered to the treatment plant by truck by various users of the system or collected by the utility's trucks. Bulk waste treatment charges are set forth separately in the Fort Wayne Municipal Code.

Minimum Charges - Charges fixed by the Fort Wayne Municipal Code in proportion to water meter sizes installed on the premises of users of the sewage system. This charge is imposed to the extent that the total monthly usage charge does not exceed the minimum charge. This charge therefore represents, when applicable, a charge for the right to use the system capacity.

Unit Process Cost - The estimated cost per pound of treating waste characteristics of suspended solids, BOD, and phosphorus.

PRESENT VOLUME RATES AND SURCHARGE RATES

The Common Council of the City of Fort Wayne, on January 20, 1975, adopted Ordinance No. G-01-75 after due notice and public hearing as required by law. Ordinance No. G-01-75 established rates and charges to be collected for the use of and the services rendered by the sewage works commencing with service billed after February 21, 1975. These rates and charges amended prior rates which had been established by Ordinance No. G-53, which became effective May 1, 1969. Ordinance No. G-01-75 is hereinafter referred to as the "Rate Ordinance".

The Rate Ordinance provides that the rates and charges shall be collected from the owner of each and every lot, parcel of real estate or buildings that are connected to the City's sanitary sewage system or otherwise discharges sanitary sewage, industrial waste, water or other liquids, either directly or indirectly, into the sanitary sewage system of the City of Fort Wayne. The sewage rates and charges, which are exhibited in Schedule E-1 hereafter, are based on the quantity of water used on or in the property or premises subject to such rates and charges as the quantity is measured by the water meter there in use, except as the Rate Ordinance provides for special circumstances. Such special circumstances that are of a material nature in respect to the revenues of the sewage works are mainly as follows:

- (a) In the case of residential water consumers, the sewage service billing for each of the months of May, June, July, August, September, and October shall be arbitrarily for an amount equal to the average sewage service billing for the months of March and April. However, where it is evident that certain residential water consumers use more water in the months of May, June, July, August, September, and October for non-sprinkling purposes than they do in the months of March and April, such consumers shall be billed for sewage service on the basis of the water actually used.
- (b) In the case of consumers using water in excess of 1,000 cu. ft. per month, who can prove to the satisfaction of the City that a portion of the water as measured by the water meter or meters does not and cannot enter the sanitary sewage system, then the City may determine in such manner and by such method as it may find practicable the percentage of metered water entering the sanitary sewage system for the purpose of determining the sewage service charges rendered.
- (c) Sewage service charges shall be imposed on any user of the sanitary sewage system who is not a user of water supplied by the City, or who uses water supplied by the City and in addition thereto uses water from some other source. The City has the right to estimate the quantity used or such user, at his own

expense, may install and maintain a meter or measuring device acceptable to the City to determine the quantity of water actually entering the sewage system.

- (d) Users of sewage service outside the corporate limits of the City of Fort Wayne are billed at the rate of 200% of the rates charged residents located within the corporate limits.

Water service in the City of Fort Wayne is provided by the municipally-owned waterworks.

In addition to the sewage rates and charges imposed on the residential and commercial and industrial users, the City itself is subject to the same rates and charges for services rendered to its political subdivisions by the system.

In all ordinances authorizing the issuance of revenue bonds, the City covenants to take all action or proceedings necessary and proper to require connection of all property where sewage is produced with available sanitary sewers. The City, further covenants to change and readjust rates and charges, if necessary, so that the revenues therefrom shall always be sufficient to meet all the expenses of operation, repair and maintenance of the works, depreciation, and debt service, including coverage thereon.

Collection of Rates and Charges

The Rate Ordinance provides that the Board of Public Works shall make and enforce such bylaws and regulations as may be deemed necessary for the safe, economical and efficient management of the City's sewage works, including the sewer system and treatment plant, for the construction and use of house sewers and connections to the sewer system, and for the regulation, collecting, rebating, and refunding of rates and charges.

The governing statutes provide that such charges shall constitute a lien against the property served and if not paid within 30 days after the same are due, may be enforced by the City:

- (a) by the taking of a money judgment for the amount of the delinquent charge, together with a penalty of ten percent (10%), attorneys' fees and court costs, or
- (b) by certifying the delinquent charges to the County Auditor for collection with and as a part of the general taxes payable on the property to which the charges apply, or
- (c) by the foreclosure of the lien under the laws relating to the foreclosure of improvement liens, in which case the City is entitled to recover the amount of the charges plus a penalty of ten percent (10%), together with attorneys' fees and court costs.

Industrial Strength-of-Waste Surcharge

Industrial surcharge rates have been established by Article VIII of Chapter 26 of the Fort Wayne Municipal Code effective March 5, 1971. The Code provides for a surcharge in respect of wastes having a BOD concentration greater than 300 milligrams per liter and suspended solids content of greater than 350 milligrams per liter. The code further provides for a prescribed method of computing surcharges and for the annual review and revision of such rates of surcharge.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Condensed Schedule of Present Rates and Charges

1. Sewage Service Charges

<u>Quantity of Water Used Per Month</u>		<u>Rate Per 100</u> <u>Cubic Feet</u>
First	500 cubic feet	\$.37
Next	1,500 cubic feet	.35
Next	2,500 cubic feet	.33
Next	7,500 cubic feet	.32
Next	18,000 cubic feet	.30
Next	20,000 cubic feet	.29
Next	50,000 cubic feet	.28
Next	50,000 cubic feet	.25
Next	150,000 cubic feet	.24
Next	150,000 cubic feet	.22
Over	450,000 cubic feet	.13

Minimum Charges (based on water meter size)

<u>Size of Water Meter</u>	<u>Charge</u> <u>Per Month</u>
5/8 inch	\$ 1.85
3/4 inch	2.50
1 inch	4.20
1 1/2 inch	8.40
2 inch	14.90
3 inch	33.50
4 inch	58.60
6 inch	100.00

2. Sewage Service Charges - Outside Corporate Limits

A surcharge of 100% is added to all sewage bills rendered to users located outside the corporate limits of the City.

3. Industrial Strength-of-Waste Surcharge

	<u>Surcharge</u> <u>Per Pound</u>
For excess biochemical oxygen demand (BOD)	\$.0212
For excess chemical oxygen demand (COD)	.0106
For suspended solids (SS)	.0191

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Schedule of Proposed User Charge Rates and Surcharge Rates

A. User Charges

	<u>Class of User</u>	
	<u>Domestic</u>	<u>Manufacturing</u>
1. <u>Volume Charges (cents per 100 cu. ft.)</u>		
Treatment charge	9.6	9.6
Conveyance, Collection & Billing	18.5	14.3
Capital charge	<u>4.2</u>	<u>3.2</u>
Total User Charges	<u>32.3</u>	<u>27.1</u>
2. <u>Minimum User Charges</u>		
<u>Meter Size</u>		
5/3" - 3/4" - rate per month	\$	1.95
1" - 1 1/2" - rate per month		5.80
2" - rate per month		11.85
3" - rate per month		23.75
4" - rate per month		39.50
6" and larger - rate per month		109.75
3. <u>Flat Charges</u> - per customer per month - domestic		4.75

B. Industrial and Commercial Excess Strength Surcharge

SS in excess of maximum allowable - cents per lb.	2.027
BOD in excess of maximum allowable - cents per lb.	2.029
Ph in excess of maximum allowable - cents per lb.	36.084

C. Industrial Cost Recovery Rate

Charge for flow - cents per 100 cu. ft.	1.184
Charge for BOD - cents per lb.	.490
Charge for SS - cents per lb.	.675
Charge for Ph - cents per lb.	4.480
Minimum Charge: In no event will the aggregate payment hereunder for Industrial Cost Recovery for any qualifying user be less than 4¢ per 100 cu. ft. of waste flow.	

D. Contract Sewage Treatment

Total Charge (including user and capital charge) - cents per 100 cu. ft.	13.8
Plus: Other charges for conveyance and surveillance where applicable.	

E. Zone Surcharge

Excess percentage of charges imposed by application
of Schedule A, B and D - %

36.0

FORT WAYNE WATER POLLUTION CONTROL UTILITY

Fort Wayne, Indiana

Treatment Plant Operating Statistics
1975

<u>Month</u>	<u>Max. Flow</u> <u>(MGD)</u>	<u>Raw Sewage</u> <u>(MG)</u>	<u>SS</u>	<u>BOD</u>	<u>Ph</u>
January	55.86	1,166.91	170	135	6.40
February	57.90	1,069.56	186	128	5.60
March	52.82	1,119.70	160	114	7.10
April	54.35	1,111.27	160	134	6.00
May	52.64	1,066.81	175	132	7.80
June	57.48	1,221.13	152	114	6.60
July	43.83	1,020.41	164	144	6.30
August	60.47	1,092.03	140	118	6.60
September	50.87	982.54	139	134	6.20
October	52.96	910.99	140	159	7.28
November	52.17	925.05	158	149	7.80
December	55.16	1,161.89	142	129	6.80
Total Raw Sewage		<u>12,848.29</u>			
Average Daily		<u><u>35.20</u></u>			

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Statement of Allocated User and Capital Costs

	<u>Total</u>	<u>Basis of Proration</u>	<u>Domestic</u>	<u>Commercial and Industrial</u>
<u>USER COSTS</u>				
1. <u>Conveyance and Collection Costs</u>				
I/I Treatment Costs	415,633	Ratio of I/I	395,992	19,641
Replacement	539,873	75%-Flow; 25% Connections	484,401	55,472
O&M	817,247	System Demand	632,549	184,698
Fringe Benefits	<u>32,314</u>	Schedule H-3-3	<u>24,237</u>	<u>8,077</u>
Total Direct Costs	1,805,067		1,537,179	267,888
Administrative	<u>153,787</u>	Direct Costs (82%/18%)	<u>126,105</u>	<u>27,682</u>
Total Conveyance and Collection Costs	<u>1,958,854</u>		<u>1,663,284</u>	<u>295,570</u>
2. <u>Treatment Costs</u>				
Treatment of I/I	(415,633)			
Replacement	235,969			
O&M	911,583			
Chemicals	232,656			
Fringe Benefits	<u>52,056</u>			
Total Direct Costs	1,016,631	Billed Flow (83%/17%)	843,804	172,827
Administrative	<u>158,788</u>	Billed Flow (83%/17%)	<u>131,794</u>	<u>26,994</u>
Total Treatment Costs	<u>1,175,419</u>		<u>975,598</u>	<u>199,821</u>
3. <u>Total Billing Costs</u>	<u>319,095</u>	Schedule H-3-4	<u>287,657</u>	<u>31,438</u>
TOTAL USER COSTS	<u>3,453,368</u>		<u>2,926,539</u>	<u>526,829</u>
<u>CAPITAL COSTS</u>				
Debt Service - 1959, 1961, 1970 Bonds	<u>489,186</u>	Flow	<u>423,146</u>	<u>66,040</u>
TOTAL USER AND CAPITAL COSTS	<u>3,942,554</u>		<u>3,349,685</u>	<u>592,869</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of Users' Annual Flow and Treatment Data - 1975

	<u>Total</u>	<u>Domestic</u>	<u>Commercial and Industrial</u>
<u>1. Flow Data</u>			
Number of Accounts	53,919	53,592	327
%	100.0	99.4	.6
Quantity of Sewage Billed (MG)	9,119.9	7,562.2	1,557.7
%	100.0	83.0	17.0
<u>2. Flow Data Adjusted for I/I</u>			
Quantity of Raw Sewage Treated (MG)	12,848.3		
Quantity of Sewage Billed	<u>9,119.9</u>		
Excess - Estimated I/I	<u>3,728.4</u>		
Allocated - No. of Accts - 75%	2,796.3	2,779.5	16.8
- Sewage Billed - 25%	<u>932.1</u>	<u>772.7</u>	<u>159.4</u>
Allocated I/I	3,728.4	3,552.2	176.2
Quantity of Sewage Billed	<u>9,119.9</u>	<u>7,562.2</u>	<u>1,557.7</u>
Adjusted Sewage Treated - MG	<u>12,848.3</u>	<u>11,114.4</u>	<u>1,733.9</u>
- %	<u>100.0</u>	<u>86.5</u>	<u>13.5</u>
<u>3. Treatment Data</u>			
<u>Quantity (lbs)</u>			
SS	18,966,808	13,851,836	5,114,972
BOD	14,251,234	9,784,464	4,469,770
Pn	686,105	503,791	182,314

FORT WAYNE WATER POLLUTION CONTROL UTILITY

Fort Wayne, Indiana

Calculation of Flow and Wastes Attributable to
Commercial and Industrial Class Customers

	No. of Customers	Flow	SS	BOD	P
Large Commercial - A	27	48.5	19,120	24,022	734
- B	207	125.6	73,278	55,062	2,650
Industrial - A	20	787.3	18,408	19,975	537
- B	13	283.1	854	620	32
- C	60	313.2	10,620	7,980	384
Total	327	1,557.7	122,280	107,659	4,337
Average Waste Strength			374	329	13.3
Waste Conversion Factor			x8.34	x8.34	x8.34
Annual Flow (MG)			3,119	2,744	111
			x1557.7	x1557.7	x1557.7
Total Annual Waste (lbs)			4,854,866	4,274,329	172,905
<u>Allocated I/I (3728.4 MG):</u>					
75% No. of Accounts - 327/53919 (.6 x 2796.3)		16.8			
25% Quantity Billed - 1557.7/9119.9 (17.1 x 932.1)		159.4			
I/I Factors		176.2	177	133	6.4
Waste Conversion Factor			x8.34	x8.34	x8.34
			1,476.2	1,109.2	53.4
I/I Flow			x176.2	x176.2	x176.2
			260,106	195,441	9,409
Total Manufacturing Class Factors	327	1,733.9	5,114,972	4,469,770	182,314
Total System Factors	53,919	12,848.3	18,966,808	14,251,234	686,105
Ratio Attributable to Manufacturing	.6	13.5	27.0	31.4	26.6

FORT WAYNE WATER POLLUTION CONTROL UTILITY

Fort Wayne, Indiana

Analysis of Commercial Customers Subject to
Strength of Waste Surcharge

	<u>Annual Flow</u> <u>(100 cu. ft.)</u>	<u>SS</u>	<u>BOD</u>	<u>Ph</u>
Fort Wayne National Bank	834	1,044	370	24.5
Win Schuler's Restaurant	8,112	1,590	1,060	74.0
Cork n' Cleaver	1,824	118	525	36.0
Hall's - Factory	6,900	440	1,120	34.0
Hall's - Paulding	5,580	340	855	43.5
Denny's Restaurant	1,656	784	1,160	15.5
Bonanza - Tillman	360	1,348	1,145	89.0
Lambro's	1,300	386	703	33.3
ATZ Ice Cream	800	594	833	23.8
Imperial House Motel	7,236	608	720	9.5
Dutch Pantry	972	848	739	26.5
Hall's - Hollywood	2,340	464	575	19.5
Ponderosa - Anthony	1,044	248	391	29.5
- Coldwater	1,416	316	925	39.0
Waffle House	876	380	545	28.0
International Pancakes	1,200	380	545	28.0
McDonalds - Colesium	1,308	292	899	9.0
- State	888	292	512	19.0
Holly's Landing	2,472	548	805	9.5
Heritage House	3,624	1,830	2,605	55.0
Alpine Restaurant	660	1,652	1,515	22.0
Halls Commissary	1,668	2,220	1,065	11.3
Pete's Restaurant	990	380	2,170	17.0
Burger Chef - Colesium	1,068	900	660	8.5
Red Lobster	2,292	516	596	9.5
Bill Knapp's Restaurant	2,736	362	352	4.8
Hospitality Motor Inn	<u>4,500</u>	<u>240</u>	<u>632</u>	<u>14.3</u>
Total	<u>64,656</u>	<u>19,120</u>	<u>24,022</u>	<u>733.5</u>
Converted to MG	<u>48.49</u>			
Average Waste Components		<u>708</u>	<u>890</u>	<u>27.2</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of Industrial Class Customers Subject to
Excess Strength Surcharge Rates

<u>Name of Manufacturer</u>	<u>No. of Employees</u>	<u>Annual Flow (100 cu. ft.)</u>	<u>SS</u>	<u>BOD</u>	<u>Ph</u>
International Harvester	10,000	182,825	712	359	345.00
Zollner Piston	1,500	45,182	484	319	4.60
Falstaff Brewing	220	177,905	1,824	3,320	23.00
Kingsford Packing	70	9,420	744	1,200*	2.40
General Electric	6,000	278,714	224	728*	26.70
Parrot Packing	170	9,000	740	1,640*	21.50
Rea Magnet Wire	350	13,380	42	4,000*	2.90
Borden Co.	200	2,480	220	2,300*	5.90
Meadow Gold	30	16,931	174	800*	20.30
Peter Eckrich	700	85,932	164	502*	4.80
Perfection Biscuit	200	11,779	676	1,192*	7.80
Allen Dairy	200	27,228	200	1,460*	19.50
Wayne Co-op	70	54,084	212	306	48.00
Franke Plating	20	36,156	320	1	5.00
American Hoist & Derrick	350	14,664	650	912*	16.00
Essex Wire	700	26,604	160	496*	2.60
Stadler Wayne	20	8,496	306	2,240*	4.30
Top of Indiana Beef	50	21,746	196	728*	6.50
Seiffert's Foods	200	19,296	5,120	2,420	12.50
Summit City Canning	20	7,854	5,240	3,080*	1.60
Total Annual Flow	<u>21,070**</u>	<u>1,049,676</u>			

* Indicates use of COD measurement when such measurement exceeds equivalent BOD strength of waste.

**Number of employees is estimated in order to indicate exemption of domestic sewage from surcharge in the amount of 20 gallons per day of flow per employee.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of System Demand by Classes of Customers

<u>Day of Week</u>	<u>Date (1975)</u>	<u>Week Day Flow (M.G.)</u>	<u>Saturday & Sunday Flow (M.G.)</u>
Th	7-24	32.35	
F	7-25	30.49	
Sa	7-26		26.16
Su	7-27		24.00
M	6-30	33.57	
Tu	7-1	32.07	
Sa	6-28		29.97
Su	6-29		25.99
Th	2-27	51.00	
F	2-28	43.90	
Sa	3-1		39.63
Su	3-2		34.45
Th	4-10	30.92	
F	4-11	22.87	
Sa	4-12		27.78
Su	4-13		26.51
M	11-24	32.40	
Tu	11-25	28.37	
Sa	11-22		21.64
Su	11-23		19.86
Total - MG		<u>337.94</u>	<u>275.99</u>
- %		<u>100.00</u>	
Ratio of Saturday/Sunday Flows to Week day Flows (275.99/337.94)			<u>81.7</u>
Ratio of Sunday Flows to Week day Flows ($\frac{130.81 \times 2}{337.94}$)			<u>77.4</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of Replacement Costs

	<u>Total</u>	<u>Sewer Collection</u>		<u>Treatment Plant</u>		<u>Common Plant</u>
		<u>Structures</u>	<u>Equipment</u>	<u>Structures</u>	<u>Equipment</u>	<u>Equipment</u>
<u>Plant in Service - November 30, 1975</u>						
Sewers and Interceptors	23,242,155	23,239,257	2,898			
Pumping Stations	1,138,185	1,112,927	25,258			
Sewage Treatment Plant	8,573,158			7,438,609	1,134,549	
Meters on Customers Premises	23,233					23,233
Office Furniture and Fixtures	72,293					72,293
Transportation Equipment	213,781					213,781
Shop Equipment	16,953					16,953
Laboratory Equipment	25,099				25,099	
Tools and Work Equipment	209,547					209,547
Communication Equipment	42,160					42,160
Miscellaneous and Unclassified	6,337					6,337
ISS Property	<u>1,110,362</u>	<u>1,110,362</u>				
Total Plant in Service	<u>34,673,263</u>	<u>25,462,546</u>	<u>28,156</u>	<u>7,438,609</u>	<u>1,159,648</u>	<u>584,304</u>
<u>New Construction - WPC No. C180538 01</u>						
Division I	21,391,040			14,973,728	6,417,312	
II	4,722,322			4,250,090	472,232	
III	5,464,806			4,916,325	548,481	
Engineering Design, Supervision, Inspection	<u>1,743,306</u>			<u>1,333,629</u>	<u>409,677</u>	
Total New Construction	<u>33,321,474</u>	<u>-</u>	<u>-</u>	<u>25,473,772</u>	<u>7,847,702</u>	<u>-</u>
Total All Plant	<u>67,994,737</u>	<u>25,462,546</u>	<u>28,156</u>	<u>32,912,381</u>	<u>9,007,350</u>	<u>584,304</u>
Replacement Cost Rate (%)		<u>2%</u>	<u>5%</u>	<u>2%</u>	<u>5%</u>	<u>10%</u>
Replacement Cost-Annual Provision-1976	775,842	509,251	1,407	148,772	57,982	58,430 (2)
- (1)	1,677,704	509,251	1,407	658,248	450,368	58,430 (2)

(1) First full year after completion of new construction

(2) Distributed equally to treatment and collection functions

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of Administrative Costs and
Allocation to Classes of User

	<u>Total</u>	<u>Basis of Allocation</u>	<u>Domestic</u>	<u>Commercial & Industrial</u>
Telephone	19,000	99.4/.6	18,886	114
Injuries and Damage Claims	3,000	86.5/13.5	2,595	405
Dues, Memberships, Advertising	700	99.4/.6	696	4
Collection Agency Costs	200	99.4/.6	199	1
Education Materials	100	99.4/.6	99	1
Industrial Cost Recovery	29,700	0/100	-0-	29,700
Travel Expenses	500	99.4/.6	497	3
General Insurance	43,000	86.5/13.5	37,195	5,805
Office Rent	24,000	99.4/.6	23,856	144
Outside Services - Legal	32,772	99.4/.6	32,575	197
Inter-Utility Administrative	478,698	Schedule A-3-1	456,454	22,244
	<u>631,670</u>		<u>573,052</u>	<u>58,618</u>
Items Transferred per <u>Schedule A-3-3</u>				
Employment Taxes	66,735			
Fringe Benefits	17,635			
Costs per Original Schedule A-3	<u>716,040</u>			

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Allocation of Inter-Utility Administrative Costs
to Classes of User

	<u>Total</u>	<u>Basis of Allocation</u>	<u>Domestic</u>	<u>Commercial & Industrial</u>
<u>Administrative Salaries</u>				
Meter Reading	73,171	99.4/.6	72,732	439
Customer Relations	63,668	99.4/.6	63,286	382
Data Processing	45,260	99.4/.6	44,988	272
General Accounting	35,433	86.5/13.5	30,118	5,315
Office Services	20,132	99.4/.6	20,011	121
Superintendent	25,124	86.5/13.5	21,732	3,392
Payroll Department	18,068	86.5/13.5	15,629	2,439
Personnel Office	45,746	86.5/13.5	39,570	6,176
Customer Billing	48,783	99.4/.6	48,490	293
Public Relations	18,942	99.4/.6	18,823	114
<u>Other Expenses</u>				
Meter Reading	4,565	99.4/.6	4,538	27
Customer Relations	7,142	99.4/.6	7,099	43
Data Processing	35,604	99.4/.6	35,390	214
Collection Expense	637	99.4/.6	633	4
Customer Billing	13,305	99.4/.6	13,225	80
Supplies - General	15,653	86.5/13.5	13,540	2,113
Outside Services	6,010	86.5/13.5	5,199	811
Insurance - Office	<u>1,455</u>	99.4/.6	<u>1,446</u>	<u>9</u>
	<u>478,698</u>		<u>456,454</u>	<u>22,244</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Analysis of Inter-Utility Administrative Costs

	<u>Wages</u>	<u>Allocated Fringes & Taxes</u>	<u>Total</u>
<u>Administrative Salaries</u>			
Meter Reading	59,829	13,342	73,171
Customer Relations	52,121	11,583	63,668
Data Processing	37,030	8,230	45,260
General Accounting	28,990	6,443	35,433
Office Services	16,471	3,661	20,132
Superintendent	20,526	4,562	25,124
Payroll Department	14,783	3,285	18,068
Personnel Office	37,428	8,318	45,746
Customer Billing	39,913	8,870	48,783
Public Relations	<u>15,541</u>	<u>3,401</u>	<u>18,942</u>
	<u>322,632</u>	<u>71,695</u>	<u>394,327</u>
 Pension Costs	 29,859	 (29,859)	 -0-
Fringe Benefits	18,107	(18,107)	-0-
Payroll Taxes	<u>23,729</u>	<u>(23,729)</u>	<u>-0-</u>
Total Payroll Costs	<u>71,695</u>	<u>(71,695)</u>	<u>-0-</u>
 Other - Meter Reading			4,565
- Customer Relations			7,142
- Data Processing			35,604
- Collection Expense			637
- Customer Billing			13,305
Supplies - General			15,653
Outside Services			6,010
Insurance			<u>1,455</u>
 Total Inter-Utility Administrative			<u>478,698</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Allocation of Fringe Benefits and Taxes
Charged to Administrative

	<u>%</u>	<u>Wages</u>	<u>Fringe Benefits</u>	<u>Basis of Allocation</u>	<u>Domestic</u>	<u>Industrial</u>
Collection Labor	38.3	141,949	32,314	77.1/22.6	24,237	8,077
Treatment Labor	<u>61.7</u>	<u>229,087</u>	<u>52,056</u>	86.5/13.5	<u>45,028</u>	<u>7,028</u>
	<u>100.0</u>	<u>371,036</u>	<u>84,370</u>		<u>69,265</u>	<u>15,105</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Separation Billing and Administrative Cost
Allocations

	<u>Total</u>	<u>Domestic</u>	<u>Commercial & Industrial</u>
<u>Billing Costs</u>			
<u>Salaries (A-3-1)</u>			
Meter Reading	73,171	72,732	439
Customer Relations	63,668	63,286	382
Data Processing (88%)	39,829	39,590	239
Customer Billing	48,783	48,490	293
<u>Other (A-3-1)</u>			
Meter Reading	4,565	4,538	27
Customer Relations	7,142	7,099	43
Data Processing (88%)	31,332	31,143	189
Customer Billing	<u>13,305</u>	<u>13,225</u>	<u>80</u>
Total Inter-Utility Billing	281,795	280,103	1,692
Telephone (40%)	7,600	7,554	46
Industrial Cost Recovery Sampling	<u>29,700</u>	<u>-0-</u>	<u>29,700</u>
Total Billing Costs	319,095	<u>287,657</u>	<u>31,438</u>
Administrative per Schedule A-3	<u>631,670</u>		
Administrative Attributable to Direct Costs	<u>312,575</u>		
 <u>Direct Costs</u>			
Conveyance and Collection (49.2%)	153,787		
Treatment (50.8%)	<u>158,788</u>		
Total Direct Costs Allocated	<u>312,575</u>		

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Explanation of Accounting Methods
Employed in Preparation of Exhibit H
and Pertinent Schedules

USER COSTS

Conveyance and Collection

The cost of treating Inflow and Infiltration (I/I) have been assigned to the Conveyance and Collection function for the reason that I/I is a by-product of the collection and conveyance activity. In addition, the inclusion of the cost of treating I/I in Treatment Costs results in the attribution of part of total treatment costs to classes of customers based on the ratio of I/I incurred by the various classes of customers.

Replacement costs are allocated on the basis of 75% of costs being attributable to customer classes on the proportion of flow (Schedule A-1) and 25% on the proportion of connections (Schedule H-1-1). It is believed this method takes into account the volume requirements placed on the system as well as the demand characteristics of the two large customer groups.

Operation and maintenance costs have been allocated on a system demand basis as set forth on Schedule H-2. This schedule is based on the assumption that nearly all demand placed on the system on Sundays is related to conveyance, collection and treatment of domestic sewage.

Fringe benefits and taxes have been deducted from administrative costs at Schedule H-3 and reallocated to Collection and Treatment Costs as set forth on Schedule H-3-3. These items have been allocated to the customer classes via system demand criteria.

Net administrative costs have been allocated on the proportion of direct costs previously allocated to the classes.

Treatment Costs

All treatment direct costs are attributed to customer classes on the basis of flow with administrative costs spread on proportion of direct costs previously allocated to the classes. It is believed that this method best distributes the incidence of cost to the customer classes until data collected in later operating periods permits allocation of costs to flow, strength of waste components treated, and any other basis which it is found results in more objective allocations. Cost accounting records being prepared in respect of operations of the new treatment facilities now under construction will provide for a more detailed accounting of costs among the functions referred to above.

The treating of Inflow and Infiltration (I/I) have been assigned to the Conveyance and Collection function as explained and pursuant to a rationale set forth above.

Billing Costs

Billing costs have been extrapolated from Inter-Utility administrative costs per Schedule H-3-1, Schedule H-3-2 and Schedule H-3-4. In addition Schedule H-3-4 includes telephone expense and Industrial Cost Recovery expenses taken from Schedule H-3, a summary of all administrative expenses incurred by the utility. The ratio of 40% of total telephone expense to the billing function was derived from comparing all administrative wages with billing wages on the premise that telephone costs are generally proliferated by the quantity of personnel employed. Industrial surveillance costs were all attributable to the Commercial/Industrial Class.

Data processing costs allocated to billing totalled 88% of all such costs incurred. This was based on a cursory review of the volume of print-outs devoted to billing, collections and other functions. Other functions, mainly preparation of payrolls, were deemed to require 12% of labor, supplies and other costs.

The total expenses attributable to billing were then deducted from total administrative costs shown on Schedule H-3 (after transfer of taxes and fringe benefits to other functions). The remaining administrative costs were then apportioned to the Conveyance and Collection and Treatment functions on the basis of direct costs for Conveyance and Collection and on the basis of flow for treatment (as were direct costs distributed for the Treatment function).

CAPITAL COSTS

Debt service has been distributed to the customer classes on the basis of flow because the bonds in the issues considered were issued generally to finance treatment capacity improvements and construction of interceptors. Until better allocation data has been collected, as referred to above in the discussion of treatment costs, this method will continue to be used for debt service. No provision has been made for bonds issued in respect of the project now under construction. The capital charge for the Bonds of 1975 will be imposed approximately when the new plant goes into service.

The bond enabling legislation provides for a parity requirement of 25% coverage of all bonds outstanding or to be issued incident to issuance of bonds on a parity with prior issues. The alternative to the parity requirement is to issue junior bonds which would command a higher interest rate or not be saleable at all. The bonds of 1959, 1961 and 1970 are parity bonds but the proceeds of sale are not directly attributable to the purposes of matching EPA grant funds and for this reason no parity coverage has been built into the present rate schedule. However, the 1975 bonds were issued for the purpose of defraying local capital costs relative to an EPA grant and coverage has therefore been added in schedules pertaining to rates applicable after completion of the new plant. Further, if funds are to be available for future local capital costs, including AWWT projects now under study, a continuous stream of coverage revenues must be provided from rates equal to at least 25% of total debt coverage of bonds outstanding.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of User Charges - Prior to
Completion of New Treatment Facilities

	<u>Total</u>	<u>Domestic</u>	<u>Commercial & Industrial</u>
Total Service Billed - 100 cu. ft.	<u>12,160,000</u>	<u>10,083,000</u>	<u>2,077,000</u>
<u>Total User Costs</u>			
Conveyance and Collection	1,958,854	1,663,284	295,570
Treatment	1,175,419	975,598	199,821
Billing	<u>319,095</u>	<u>287,657</u>	<u>31,438</u>
Total User Costs	<u>3,453,368</u>	<u>2,926,539</u>	<u>526,829</u>
<u>Less: Direct Revenues to be Deducted</u>			
Flat Charges	(97,000)	(97,000)	
Surveillance Revenues	<u>(29,700)</u>	<u> </u>	<u>(29,700)</u>
	<u>(126,700)</u>	<u>(97,000)</u>	<u>(29,700)</u>
Net User Costs	<u>3,326,668</u>	<u>2,829,539</u>	<u>497,129</u>
Capital Costs	<u>489,186</u>	<u>423,146</u>	<u>66,040</u>
Total User Costs	<u>3,815,854</u>	<u>3,252,685</u>	<u>563,169</u>
<u>User Charge (cents/100 cu. ft.)</u>		28.1	23.9
<u>Capital Charge (cents/100 cu. ft.)</u>		<u>4.2</u>	<u>3.2</u>
Total Charge		<u><u>32.3</u></u>	<u><u>27.1</u></u>

Fort Wayne Water Pollution Control Utility
Fort Wayne, Indiana

Calculation of User Charges - After
Completion of New Treatment Facilities

	<u>Total</u>	<u>Domestic</u>	<u>Commercial & Industrial</u>
Total Service Billed - 100 cu. ft.	<u>12,160,000</u>	<u>10,083,000</u>	<u>2,077,000</u>
Net User Costs - Prior	3,326,666	2,829,539	497,129
New Plant - O&M & Replacement	<u>1,104,862</u>	<u>955,706</u>	<u>149,156</u>
Adjusted User Costs	<u>4,431,530</u>	<u>3,785,245</u>	<u>646,285</u>
Capital Costs - Present Bonds	489,186	423,146	66,040
- 1975 Bonds	612,000	529,380	82,620
- Coverage - 25%	<u>275,297</u>	<u>238,132</u>	<u>37,165</u>
Total Capital Costs	<u>1,376,483</u>	<u>1,190,658</u>	<u>185,825</u>
Total User Costs	<u>5,808,013</u>	<u>4,975,903</u>	<u>831,570</u>
User Charge (cents/100 cu. ft.)		37.5	31.1
Capital Charge (cents/100 cu. ft.)		<u>11.8</u>	<u>8.9</u>
Total Charge		<u><u>49.3</u></u>	<u><u>40.0</u></u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Explanation of Calculation of User Charges -
After Completion of New Treatment Facilities

User Costs

Net User Costs are derived from Exhibit I and represent costs incurred prior to operation of new treatment facilities subject to EPA Grant C180538 01.

New Plant O&M and Replacement Costs are attributed to the classes of users on the ratio of flow, thereby maintaining a uniform charge for treatment as between classes of customers. New costs are based on Engineer's estimates.

Capital Costs

Bonds presently outstanding were issued in 1959, 1961 and 1975. The latter issue was sold to finance the City's share in the new treatment facilities hereinbefore referred to. The 1975 bonds were sold on a parity with prior bonds and therefore required net revenue coverage of 125% of the annual debt service requirement. Net revenues are defined in the enabling legislation as the revenues remaining after deduction of O&M costs from all gross revenues. In order to maintain the financial integrity of the Water Pollution Control Utility and preserve the ability to issue additional parity bonds for future additions to the sewage system, any revenues collected from users must include a coverage provision equal to 25% of all annual debt service.

Coverage was not included in the capital cost rate component in Exhibit I (for rates at present capacity and facilities use) because the incidence of the capital costs (and coverage requirement) first occurred in construction of the new plant. During the construction period this debt service and coverage cost was, for the most part, equalized by income earned by the City on bond and grant proceeds held for future use.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Surcharge Rates for Excess
Strength of Waste

<u>Cost Accounts</u>	<u>Total Costs</u>	<u>Basis of Allocation</u>	<u>SS</u>	<u>BOD</u>	<u>P</u>
Treatment Costs:					
Labor	229,087	33.5/25.2/1.3	76,744	57,730	2,978
Materials	45,000	33.5/25.2/1.3	15,075	11,340	585
Tools and Supplies	3,000	33.5/25.2/1.3	1,005	756	39
Power	151,900	33.5/25.2/1.3	50,887	38,279	1,975
Chemicals - Phosphorus	232,656	0/0/100	-0-	-0-	232,656
- Chlorine	64,325	33.5/25.2/1.3	21,549	16,210	836
Replacement	235,969	33.5/25.2/1.3	79,050	59,464	3,067
Maintenance	82,175	33.5/25.2/1.3	27,529	20,708	1,068
General	336,096	33.5/25.2/1.3	112,592	84,696	4,369
Total Allocated Expenses			<u>384,431</u>	<u>289,183</u>	<u>247,573</u>
Total Waste Processed (lbs)			<u>18,966,808</u>	<u>14,251,234</u>	<u>686,105</u>
Unit Process Cost (cents/lb)			<u>2.027</u>	<u>2.029</u>	<u>36.084</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Schedule of Waste Component Allocations

<u>Component</u>	<u>Pounds Treated</u> <u>1975</u>	<u>% of Total</u> <u>Waste</u>	<u>60% Thereof</u>
SS	18,966,808	55.9	33.5
BOD	14,251,234	42.0	25.2
P	686,105	2.1	1.3
	<u>33,904,147</u>	<u>100.0</u>	<u>60.0</u>

NOTE:

The foregoing calculations are used to allocate costs to the various sewage strength components based on pounds treated as shown in Schedule H-1 of this report. It is fully recognized that this is not a probative method unless no other data is revealed by a grantee's record. During prior periods no cost accounting system has been maintained which would permit any more detailed calculations than as exhibited herein.

Commencing with placing in service of the new plant now being constructed, the grantee will maintain a cost accounting system which will apportion to the various components of treatment cost - flow, BOD, SS and P - the annual costs of treatment as shown in Exhibit H. The basis for apportionment will be monthly on-going cost analysis of the use of labor, materials and services in treatment of each of the elements incurring such costs. If cost factors vary substantially in any quarterly period, then apportionment factors will be modified earlier than annually.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Regional Contract Sewage
Treatment Rates

	<u>Prior to New Facilities</u>	<u>After New Facilities</u>
<u>A. Unit Charges Per 100 cu. ft.</u>		
1. Treatment Charge - Exhibit I/J	9.60¢	19.10¢
2. Capital Charge - Exhibit I/J	<u>4.20</u>	<u>11.80</u>
Unit Charge	<u>13.80¢</u>	<u>30.90¢</u>
<u>B. Variable Charge (Exhibit H)</u>		
1. Total Conveyance and Collection Costs	1,663,284	
Less: I/I Treatment not applicable	<u>(395,992)</u>	
Conveyance Costs Subject to Variable Charge	<u>1,267,292</u>	<u>1,267,292</u>
Unit Charge - (divide by 10,083,000)	<u>12.57¢</u>	<u>12.57¢</u>
Charge Per 100 cu. ft.:		
West Diversified - 5.37%	.67	.67
East Diversified - 6.52%	.81	.81
Pine Valley - 8.73%	1.09	1.09
Clearwater - 9.27%	1.17	1.17
New Haven - 2.63%	.33	.33
<u>C. Flat Charge</u>		
Billing - monthly (billing cost - 319,095 ÷ 53,919 ÷ 12)	.50	.50
Surveillance - (as for Commercial & Industrial) - monthly	<u>75.00</u>	<u>75.00</u>
Total Monthly Flat Charge	<u>75.50</u>	<u>75.50</u>
<u>D. Excess Strength of Waste</u>		
For treatment of waste received in excess of domestic sewage characteristics the following excess strength of waste unit process charges shall be in effect:		
Unit Process Cost (cents/lb) - SS - 2.027		
- BOD - 2.029		
- P - 36.084		

NOTE: Where applicable the foregoing charges are subject to zone surcharge and where contractually specified a capacity surcharge based on the capital charges set forth in the unit charges above.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Proportion of Fort Wayne Interceptor System
Attributable to Contract Customers

	<u>Mileage</u>	<u>Capacity</u>	<u>Total Capacity Miles</u>
<u>Total Interceptor System</u>			
18" - 36"	187.2	573	107,266
36" - 84"	28.8	2,290	65,952
10"	504.0	78	<u>39,312</u>
			<u>212,530</u>
 <u>West Diversified (Aboite)</u>			
48" average	6.3	1,810	<u>11,403</u>
Ratio of total - %			<u>5.37</u>
 <u>East Diversified (St. Joe)</u>			
60" average	4.9	2,827	<u>13,852</u>
Ratio of total - %			<u>6.52</u>
 <u>Pine Valley</u>			
42" average	13.4	1,385	<u>18,559</u>
Ratio of total - %			<u>8.73</u>
 <u>Clearwater - Diversified</u>			
54" average	8.6	2,290	<u>19,694</u>
Ratio of total - %			<u>9.27</u>
 <u>New Haven</u>			
60" average	2.0	2,827	<u>5,654</u>
Ratio of total - %			<u>2.63</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Estimated Annual Revenues at Proposed User Charges

	<u>No. of Customers</u>	<u>Billed Consumption (100 cu ft)</u>	<u>User Unit Charge</u>	<u>Estimated Annual Revenues</u>
<u>1. User Charges</u>				
<u>Domestic</u>				
Minimum - 5/8" - 3/4"	19,187	858,880	.281	276,293(1)
- Oversize	730	24,387	.281	60,246(1)
Over Minimum Usage	33,066	8,541,361	.281	2,400,122
Contract Revenues	5	658,372	.096	63,204
Flat Charge Revenues				97,000
Surcharge Revenues				<u>83,200</u>
Total User Charges - Domestic				<u>2,980,065</u>
<u>Industrial</u>				
Minimum	33	1,100	.239	11,942(1)
Over Minimum Usage	294	2,075,900	.239	496,140
Surcharge Revenues				<u>20,000</u>
Total User Charges - Industrial				<u>528,082</u>
Total User Charges to be Collected				<u>3,508,147</u>
<u>2. Capital Charges</u>				
Minimum Charges	19,950	-	.75	52,866
Domestic & Contract	-	10,083,000	.042	370,972
Industrial	-	2,077,000	.032	<u>66,112</u>
Total Capital Charges to be Collected				<u>489,950</u>
Total User and Capital Charges				<u>3,998,097</u>
<u>3. Other Revenues</u>				
Surveillance Revenues - Industrial				29,700
- Contract				4,503
Bulk Waste Revenues				<u>41,288</u>
Total Other Revenues				<u>75,491</u>
Total Estimated Annual Revenues				<u>4,073,588</u>
Revenues Required - Exhibit H				<u>3,942,554</u>
Variance				<u>3.3%</u>

(1) Minimum charge in excess of usage charge

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Bulk Waste Charges

Industrial Bulk Waste

Estimated Strength of Waste - BOD and SS -	80 x 10 ²
Annual Flow -	1.52 MG
Estimate weight per gallon of waste -	9.5 lbs

Calculation of total waste tonnage:

Strength of waste	80,000
Weight Factor	x9.5

760,000

Annual Flow - MG

1.52

Total Pounds of Waste

1,155,200

Excess strength waste:

Normal sewage

316.4

x8.34

2,638.8

x1.52

4,011

Excess waste

1,151,189

Unit Process Cost to treat (average)

2,028¢

Annual Charge - Process Cost

\$ 23,346

Normal Waste Charge 2,026.7 x \$.096

195

Conveyance - 20 miles @ 60¢ x 332 loads

3,984

27,525

Charge per load (27,525 ÷ 332)

\$ 82.91

Charge for billing

2.09

Total Charge - per load

\$ 85.00

Industrial Cost Recovery Charge (if applicable)

(1,155,200 x .00587)

6,781

Charge per load (÷ 332 loads)

\$ 20.40

Domestic Bulk Waste (Septic tank sludge)

Estimated Strength of Waste - BOD & SS -	48 x 10 ²
Annual Flow -	1.19 MG
Estimated Weight per gallon of waste -	9.5 lbs

Calculation of waste tonnage:

Strength of waste	48,000
Weight Factor	x9.5

456,000

Annual Flow - MG

1.19

Pounds of waste

542,640

Excess strength waste:

Normal sewage

316.4
x8.34
2,638.8
x1.19
3,140

Excess waste

539,500

Unit process cost to treat (average) - 1b

2.028c

Annual Charge - Process Cost

\$ 10,941

Normal waste charge 1,586.7 x \$.096

152

Total Charge

11,093

Charge per load (1,000 gallons):

\$11,093 ÷ 1,188

9.34

Billing Charge

1.66

Total Charge - per load (1,000 gallons)

\$ 11.00

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Explanation of Calculation of Bulk
Waste Charges and Revenues

Industrial Bulk Waste

This waste is essentially comprised of machine cutting oils and other similar compounds. The Utility collects the waste in its 5,000 tank truck from the various industries producing the waste, dumps the waste in its sludge lagoons and processes it when compatible with plant operation.

Calculation of volatile solid and BOD levels were determined by Engineers estimates, compared with plant management estimates and partial samples. Costs of cartage were derived from similar commercial carrier rates charged on a mileage basis.

Volume of waste was determined by examination of records maintained by the Utility of all loads processed for the period ended April 1977.

Domestic Bulk Waste

Domestic bulk waste is received from septic tank cleaning and private utility operators and in all cases is delivered to the plant by the users. Solids and BOD strengths were based on Engineers estimates. Volume of waste received was determined by review of Utility records for the period ended April 1977.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Minimum Charges and
Flat Charges

Minimum ChargesCapacity Costs

Collection - Replacement	\$ 539,873
Treatment - Replacement	<u>235,969</u>
Total User Capacity Costs	\$ <u>775,842</u>
Total Local Share - Capital Costs	\$ <u>489,186</u>
Total Users - Test Period	<u>53,919</u>
Annual User Capacity Costs - Per User	\$ 14.39
Annual Capital Costs - Per User	\$ 9.07
Monthly Charge - 5/8" - 3/4" meter (÷ 12) - User Charge	\$ 1.20
- Capital Charge	\$.75

Oversize meters (based on demand relationship of meter sizes prescribed by PSC of Indiana for Fort Wayne Water Works customers) User and Capital Costs combined:

1" - 1 1/2"	\$ 5.80
2"	11.85
3"	23.75
4"	39.50
6" and larger	109.75

Flat ChargesResidential

Estimated average usage of 1500 cubic ft. per month:	
Usage - 1500 x \$.32 x 12	\$ 57.24
Total Users	<u>x1,171</u>
Total Residential	67,000

Commercial and Industrial

Estimated on type of business and number of employees for 32 customers	<u>30,000</u>
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Total Flat Charge Revenues	\$ <u>97,000</u>
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FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

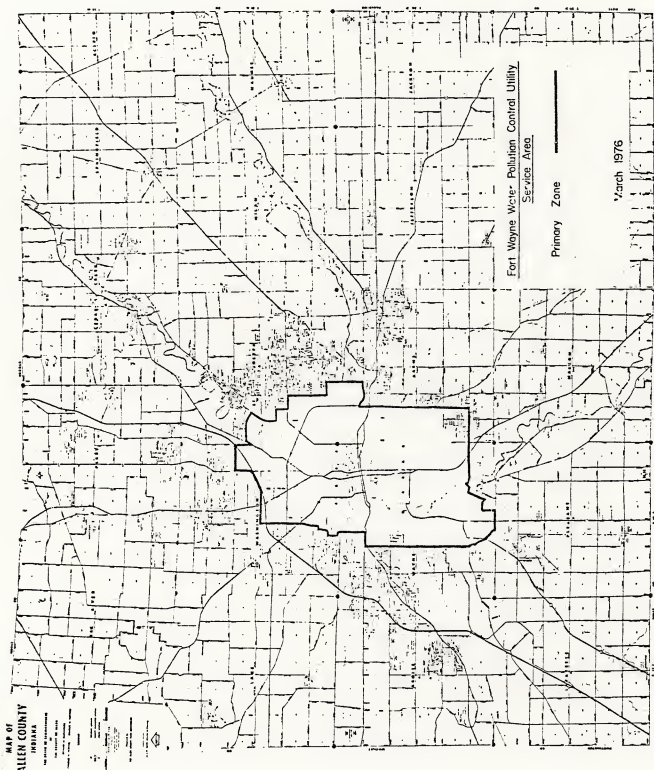
Calculation of Zone Surcharge

Present Value of Interceptor System Purchased by Ad Valorem Levies:

Average Vintage	1940	
Average Size	24"	
Estimated Present Cost-per ft.	\$1.75	
-per mile		\$ 9,240
Installed Miles		<u>x107</u>
Cost to be Recovered		\$ <u>988,680</u>
Recovery Period - 6-1-76 to 12-31-85		<u>9.58 yrs</u>
Annual Charge to be Recovered		<u>103,200</u>
Estimated Revenues Subject to Surcharge		<u>290,000</u>
Zone Surcharge		<u><u>36%</u></u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Zone Surcharge Map



FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Industrial Cost Recovery System Charges

	<u>Total</u>	<u>Flow</u>	<u>BOD</u>	<u>SS</u>	<u>P</u>
Total EPA Grant Funds	<u>25,060,275</u>				
Basis of Proration - %	<u>100.0</u>	<u>41.4</u>	<u>19.3</u>	<u>29.5</u>	<u>9.8</u>
- \$	<u>25,060,275</u>	<u>10,374,954</u>	<u>4,836,633</u>	<u>7,392,781</u>	<u>2,455,907</u>
Recoverable Amount per day (÷ 10,950)	<u>2,289</u>	<u>947</u>	<u>442</u>	<u>675</u>	<u>224</u>
Capacity - MGD		60			
Treatment - Lbs/Day			90,071	100,080	5,004
Annual Recoverable Amount per Unit Processed:					
(¢ per 100 cu. ft.)		<u>1,184</u>			
(¢ per lb.)			<u>.490</u>	<u>.675</u>	<u>4.48</u>

Minimum Charge:

The total payment due from a qualifying manufacturing class customer, as defined in the Ordinance, shall be the sum of the components at the rates set forth above; except that in no event shall the aggregate payment made by any customer charged hereunder be less than four (4) cents per 100 cu. ft. of flow of manufacturing effluent. In order to determine manufacturing effluent as a function of total flow, a deduction of 20 gallons per day (based on 261 day year) per employee shall be classified as domestic sewage and therefore not subject to Industrial Cost Recovery.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Allocation of Construction
Grant Costs on Component Basis

	<u>Total</u>	<u>Flow</u>	<u>BOD</u>	<u>SS</u>	<u>P</u>
Division I, II, III plus other costs per original allocation	24,285,750	10,005,815	4,686,024	7,313,024	2,280,889
Revision per EPA letter of October 15, 1976 re Industrial Cost Recovery incident to Division II construction of ponds	<u>1,666,772</u>	<u>750,047</u>	<u>333,354</u>	<u>333,354</u>	<u>250,017</u>
\$ -	<u>25,952,522</u>	<u>10,755,862</u>	<u>5,019,378</u>	<u>7,646,378</u>	<u>2,530,906</u>
% -	<u>100.0</u>	<u>41.4</u>	<u>19.3</u>	<u>29.5</u>	<u>9.8</u>

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Calculation of Industrial Cost Recovery
Minimum Rate

Manufacturing Class Customers Classified as Subject to Industrial Cost Recovery System Charges	<u>70</u>
Annual Flow - Test Period - MG	<u>1,530.1</u>
MGD - Based on 261 day year	5.9
System Design Capacity - MGD	60.0
Minimum Manufacturing Responsibility (5.9/60.0)	9.8%
Minimum Annual Recovery (9.8% x \$835,342)	\$ <u>81,864</u>
Per Unit of Flow (\$81,864 ÷ 1,530.1 MG) per 1,000 gal.	\$ <u>.0535</u>
Per 100 cu. ft.	\$ <u>.040</u>

NOTE:

Calculation of flow eligible for minimum charge will be reduced for domestic sewage attributable to work force at rate of 20 gallons per employee per day.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

Estimated Annual Industrial Cost
Recovery Revenues

	<u>Quantity (1)</u>	<u>Rate</u>	<u>Estimated Annual Revenue</u>
Flow	1,530.1 MG	1.184¢	24,155
BOD	3,704,513 lbs	.490	18,152
SS	3,897,275 lbs	.675	26,307
P	125,429 lbs	4.48	<u>5,619</u>
			74,233
Less: Domestic sewage exemption for 21,070 employees at 20 GPD equalling 7.2% of flow			<u>(1,739)</u>
Net Estimated ICR Revenues			<u>72,494</u> (2)

(1) Based on current flows and waste component readings
(including allocated I/I).

(2) Subject to minimum charge of 4¢ per 100 cu. ft. of flow.

APPENDIX

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

MODEL SANITARY SEWAGE TREATMENT AGREEMENT

THIS AGREEMENT (hereinafter referred to as "Agreement") entered into this _____ day of _____, 1977, by and between the CITY OF FORT WAYNE, INDIANA, a municipal corporation of the State of Indiana (hereinafter referred to as "Contractor") and _____, a (municipal) corporation of the State of Indiana (hereinafter referred to as "Contractee"),

WITNESSETH THAT:

WHEREAS, Contractor has a sewage treatment plant that is presently receiving Federal and State grant assistance in the expansion of the capacity thereof, which, when expanded, will have a capacity available for the treatment of sewage from Contractee; and

WHEREAS, Contractee does not have a sewage treatment plant with the capacity and/or capability to adequately treat the sewage from its service area; and

WHEREAS, the Stream Pollution Control Board of the State of Indiana has issued the following order concerning the mutual obligations undertaken in this contract (if such order is applicable):

and

WHEREAS, the parties wish to comply with the order of said Stream Pollution Control Board by providing the collection and treatment of sewage pursuant to the terms and conditions herein; and

NOW, THEREFORE, Contractor agrees to provide Contractee with sewage treatment service through Contractee's connection with the Fort Wayne sewer system for sewage treatment pursuant to the following terms and conditions:

1. Effective Date. It is understood and agreed between the parties that this contract shall become effective after its execution and approval by the Board of Public Works and Common Council of the City of Fort Wayne and by the enabling authority (Board of Directors or Board of Works, Town Board, and/or Common Council); further subject, however, to the approval of

the U. S. Environmental Protection Agency as to the rates and charges contained herein as well as certain restrictive covenants regarding service. By execution of this Agreement Contractor represents that prior approval of EPA, as hereinbefore referred to, has been granted to Contractor. It is also understood and agreed that this Agreement is also subject to the approval of the Indiana Stream Pollution Control Board, the Indiana Board of Health, and any other regulatory agency as may be legally required. In the event any of these agencies do not approve this Agreement in its entirety, this Agreement shall have no force and effect.

2. Term of Agreement. This Agreement shall continue in full force and effect for five (5) consecutive years from the first date of connection or rendering of service hereunder.

3. Interconnection. Contractee shall connect with a sanitary interceptor line which is presently a part of Fort Wayne's sewer system at a point specified as follows:

The purpose of the tap-in shall be to transport Contractee's sewage to the Fort Wayne sewer system for treatment.

If a new tap-in is agreed to hereunder by the parties, Contractee will prepare, provide and construct, at its expense, the following:

A. Engineering plans and specifications for the gravity sewer line, pumping stations, measuring devices and appurtenances to connect its present system with the present Fort Wayne system at the metering and tap-in points, with copies of such plans and specifications to be given to the City of Fort Wayne at least two (2) weeks before the same are submitted for approval to the Indiana Stream Pollution Control Board and the Indiana Board of Health in order to allow Fort Wayne to review and make written comment with respect to said submissions.

B. The easements relating to any land over which the transporting gravity sewer line is to be constructed are to be obtained and recorded.

It is expressly understood and agreed between the parties that all costs of the tap-in, including the planning, inspection and construction of any transporting gravity sewer line to said tap-in point shall be borne exclusively by Contractee.

4. Acceptance and Treatment of Sewage.

A. Responsibility for Delivery and Transportation. Contractee shall be solely responsible for delivery of the sewage material to the metering point and/or tap-in point in a form suitable

for passage through the Fort Wayne sewer line system. The metering point and tap-in point are located as shown on Exhibit "A". Said sewage material shall be delivered from the Contractee's sewage line system to the tap-in and metering point by a gravity sewer line. Contractor shall be solely responsible for transporting the sewage material from the tap-in and metering point and delivering same to its sewage treatment facilities.

B. Treatment.

Contractor shall be solely responsible for the proper treatment and transportation of the sewage materials received from Contractee in accordance with the requirements and standards of the Indiana Stream Pollution Control Board, Indiana State Board of Health and the Environmental Protection Agency.

C. Sewage Materials Acceptable.

Contractee shall comply in every regard where applicable with Chapter 24 of the Code of the City of Fort Wayne, Indiana of 1977, and as amended from time to time thereafter and specifically, but not limited to, Article III, Prohibited Industrial Discharges, and the Rules and Regulations of the U. S. Environmental Protection Agency. Contractor shall be under no obligation whatever to accept any type of waste or toxic materials, if said waste or material is a prohibited discharge under rules of any regulatory agency having jurisdiction in the circumstances. It is recognized by Contractee that the Code of the City of Fort Wayne, Indiana of 1977, Chapter 24, may be amended from time to time so as to change the types of wastes which must be accepted by Contractor and the parties specifically agree to such amendments.

Upon discovery that unacceptable sewage materials as defined by Chapter 24 of the Code of the City of Fort Wayne, Indiana of 1977, as amended from time to time, or waste or materials deemed unacceptable pursuant to rules and regulations duly promulgated by any regulatory agency having jurisdiction are being transmitted by the Contractee's connection to Fort Wayne's system:

- (1) Contractee shall immediately cease delivery of such materials and/or waste upon verbal notification and confirmation thereof in writing, within twenty-four (24) hours.
- (2) If Contractee shall fail to cease said transmission immediately, Contractor may, at its option, without liability and at Contractee's cost:
 - (a) Cut off the user, if such is ascertainable, which is found to be delivering unacceptable sewage to the Contractee's sewer system;
 - (b) Cease servicing the entire Contractee system and cease accepting all sewage transmission from Contractee until the cause for such action is remedied to the satisfaction of Contractor, the U. S. Environmental Protection Agency and the Stream Pollution Control Board of Indiana;

(c) Contractee shall bear all liabilities and costs which Contractor may incur or be liable for, in its sole discretion, caused either by the further transmission of said unacceptable sewage by Contractor or exercise of its rights hereunder; or both.

D. Volume.

In the event Contractor is required to accept sewage from Contractee in volumes of flow which average more than _____ mgd (hereafter "base mgd") for any 90 day period (hereafter "qualifying period"), then an additional treatment plant capital charge (hereafter "surcharge") will be paid by Contractee, subject to the following provisions:

- (1) The surcharge shall be equal to the capital charge (as approved by EPA) for Contractor's treatment rate for all users multiplied by the ratio of the excess mgd during the qualifying period to the base mgd expressed in and collected for per 100 cu. ft. thereof.
- (2) In no event shall the Contractor be required to accept sewage from New Haven in volumes of flow which average more than double base mgd for any subsequent qualifying period.

E. Cost of Treatment.

(1) Rate. Contractee agrees to pay to Contractor for the conveyance, treatment and billing of sewage flow received at the metering point both in respect of the volume and composition of such flow as set out in the contract rate attached hereto as Exhibit "B". As provided in said rate schedule, as approved by EPA and all legislative and regulatory bodies having jurisdiction thereof, Contractee agrees to pay, when applicable, any zone surcharge, excess strength surcharge, or flat charge so provided for.

The rates set forth in Exhibit B, it is understood by the parties, will be subject to annual review and adjustment whenever the rates charged all other contract users are reviewed and adjusted.

(2) Measure of Volume. Contractee shall install proper and adequate metering and sampling devices for the purpose of measuring the volume of sewage materials delivered to the metering point on Exhibit "A" for treatment, and to provide sampling and monitoring capability. Said metering and sampling devices shall be constructed in a manner and in a place acceptable to Contractor. The design of meters and metering points shall be approved by Contractor and shall provide for the following metering devices:

Each such device shall be subject to the inspection, testing and approval of each party at all times. For these purposes, and for the purposes of reading and recording data from said meters, each party shall at all times have complete and free access to said metering points and devices.

The cost of planning, designing, building and installing metering point or points and devices including acquisition of real estate shall be borne exclusively by Contractee. In addition, Contractee shall assume complete responsibility, including costs, for the installation, maintenance and repair of said metering devices, and will further defray any costs incurred by reason of testing of the metering devices as requests may be made by Contractor from time to time, provided such requests are reasonable as to frequency and nature of tests required.

Sampling devices which are capable of providing a twenty-four (24) hour composite sample taken hourly shall be installed and maintained by Contractee. The location of such sampling devices and the specifications thereof shall be approved by the Contractor.

Composite twenty-four (24) hour sampling will be conducted at the minimum of weekly intervals. Parameters to be tested shall include PH, suspended solids, COD, BOD, phosphorus, metal ions, total nitrogen and other testing as required to satisfy Indiana Stream Pollution Control Board and the U. S. Environmental Protection Agency regulations.

Material samples as received from the sampling device shall be available to both contracting parties. In the event the Contractor provides testing for such samples, the reasonable cost of providing such services shall be paid by Contractee.

(3) Payment. The volume of sewage accepted by Contractor into its sewage system for processing from Contractee as measured by metering devices previously specified shall be determined on or about the first Monday of each calendar month and shall be billed to Contractee within thirty (30) days thereafter for all charges applicable under rate schedules then in effect for the previous thirty (30) day metered period. Such charges shall commence on the first date sewage is accepted by Contractor into its sewage system from Contractee for processing. Payment shall be made by Contractee promptly, without the right of set-off, within twenty (20) days after being billed by Contractor.

(4) Rate Covenants of Contractee. Contractee shall institute, maintain and enforce a system of user charges in accordance with Sec. 204 B (1), Public Law 92-500 as amended and supplemented and guidelines and regulations promulgated by EPA from time to time thereunder. Contractee shall provide evidence of continuing compliance therewith as required by Contractor and pursuant to foregoing legislation and rules.

Contractee shall adopt and enforce ordinances providing for rates, rules and regulations and use of its sewage system which are in conformity with requirements adopted and enforced by the Contractor for the purpose of permitting the Contractor, on a continuing basis, to be awarded grants from the State of Indiana and from EPA and other governmental agencies which may now or in the future offer grants incident to the treatment and collection of sewage.

(5) Industrial Cost Recovery System. The Contractee shall institute, maintain and enforce an Industrial Cost Recovery System for industrial

users (as such users are defined in 40 CFR 35.905-8) as required under the rules and regulations of EPA with particular reference to paragraphs 35.935-13 and 35.928-1 and 35.928-2 of the rules and regulations of EPA pursuant to Public Law 92-500, and all acts and amendments subsequent thereto.

Contractee shall collect in trust from industrial users of its system industrial cost recovery funds as may be required by the prevailing federal statutes and EPA regulations referred to above as may be further directed and mandated by the Contractor, for and on behalf of Contractor, in respect of its requirements imposed by the EPA so that said Contractor may, on a continuing basis, meet all of the requirements of its Industrial Cost Recovery System. All funds collected from industrial users served by the sewage system of the Contractee in respect of state and federal grants of which the Contractor is grantee shall be held in trust as collected and shall be remitted to Contractor in accordance with payment provisions set forth elsewhere in this Agreement. In the event, pursuant to written notice thereof, Contractee fails to comply with enforcement or collection requirements of the Industrial Cost Recovery and User Charge or any other provisions of PL 92-500 which failure places in jeopardy or in any other manner makes Contractor deficient and/or delinquent as a grantee of the state and federal governments, then Contractor can levy charges and collect revenues from users of Contractee's system to satisfy any such deficiency.

F. Industrial Customers' Reports.

In remitting Industrial Cost Recovery funds to Contractor as referred to above, information will be submitted by Contractee on a monthly basis or such longer period as agreed to by the parties in writing, including the same of the industry, industrial flow, analysis of waste and such other information as may be deemed necessary and useful to meet the requirements of EPA and the Contractor.

G. Billing.

Contractor will be responsible for reading the metering devices at metering and tap-in points and billing the Contractee therefor in accordance with rate schedules then in effect.

5. Litigation. The cost of any litigation now, in the past or future, with customers within Contractee's customer service area required to be initiated by Contractor shall be borne solely by Contractee. Contractee agrees and undertakes to hold harmless and indemnify Contractor from any damages arising from Contractee's operation of its sewage system.

6. Compliance with Rules, Regulations, Standards and Laws. The parties of this Agreement shall comply with all state and federal regulations, standards and laws regarding the collection and treatment of sewage and the operation of their respective systems. In the event studies and/or rehabilitations are necessary or required as a condition of Contractor receiving a sewage grant, Contractee shall fully cooperate with Contractor to satisfy such requirements.

7. Guarantee of Payment. To guarantee payment of all amounts due hereunder, Contractee shall place on deposit with a bank approved as a public depository for a second class city under the laws of the State of Indiana, and approved by the City of Fort Wayne, an amount estimated to be a three (3) months' average sewage treatment charge due Contractor. Following each year's experience after operation of this Agreement, the amount to be placed in advance in said account shall be the total of one-fourth (1/4) of the prior year's billing charge. Said bank shall be instructed by Contractee, upon a written request and allegation of delinquency made by Fort Wayne to said bank, said bank shall remit the delinquent balance to Fort Wayne.

8. Right of First Refusal and Service Area. During the term of this Agreement, Contractee shall not expand its sewer system, nor annex or otherwise acquire any service area outside of Contractee's service area as identified on Exhibit "C" attached hereto.

9. More Than One Tap-In Point. Should it become necessary or convenient for the parties hereto to tap into the Contractor's sewer system at more than one point in order to permit adequate service, then the location of such tap-in point shall be negotiated between the parties. All of the terms and conditions of this Agreement shall pertain to extension of this Agreement.

10. Remedies in the Event of Default. In the event that Contractee shall default hereunder and said default is not cured within thirty (30) days of written notice of same, or, in the event said default is not of a type which can be cured within thirty (30) days, or Contractee is not proceeding with due diligence to cure said default within thirty (30) days of written notice of same, or if Contractee shall fail to make any payment hereunder within thirty (30) days after said payment is due to Fort Wayne (no notice being necessary in the event of non-payment), then Fort Wayne may apply to any court for the appointment of a receiver to administer all of Contractee's sewer works in the place of and stead of Contractee and to fix, charge and collect rates for such service. Collections from such an arrangement shall be paid out as follows:

First, to payment of any delinquent sewage charges to the City of Fort Wayne;

Second, to payment of expenses of operation, repair and maintenance of the Contractee's system;

Third, to payment of any revenue bond obligations, or matured long-term debt;

Further, to payment of any other obligations hereunder.

Contractee now consents and agrees to the appointment of such a receiver in the event of default and specifically acknowledged receipt of sufficient consideration for such consent and agreement, and now waives any future recourse to said appointment.

11. Notices. Any notices required or desired to be given under this Agreement may be served personally or by mail. Any notice given by mail shall be deemed to have been served upon certified mailing, return receipt requested, postage prepaid, addressed to the party to be served at the last address filed by such party with the other party. At the date of the execution of this Agreement, Fort Wayne's address is City-County Building, Attention of the Mayor, and Contractee's official address is _____.

12. Benefit. All of the provisions of this Agreement shall inure to the benefit of, and shall be binding upon, the successors and assigns of this Agreement.

FORT WAYNE MUNICIPAL CODE
CHAPTER 24
SEWERS AND SEWERAGE SYSTEM

Article I. Definitions

Unless the context specifically indicates otherwise, the meanings of the following terms as used in this ordinance or as used in the rules and regulations adopted by the Board of Public Works to implement the provisions of this ordinance shall be as follows:

101. "Biochemical Oxygen Demand" (or BOD) of sewage, sewage effluent, polluted waters or industrial wastes shall mean the quantity of dissolved oxygen in milligrams per liter required during stabilization of the decomposable organic matter by aerobic biochemical action under standard laboratory procedures for five days at 20^o Centigrade. The laboratory determinations shall be made in accordance with procedures set forth in "Standard Methods" (see 133).
102. "Building (or House) Drain" shall mean that part of the lowest horizontal piping of a building drainage system which receives the discharge from soil, waste and other drainage pipes inside the walls of the building and conveys it to a point approximately three feet outside the foundation wall of the building.
103. "Building (or House) Sewer" shall mean the pipe which is connected to the building (or house) drain at a point approximately three feet outside the foundation wall of the building and which conveys the building's discharge from that point to the public sewer or other place of disposal.
104. "Chemical Oxygen Demand" or (COD) of sewage, sewage effluent, polluted waters or industrial wastes is a measure of the oxygen equivalent of that portion of the organic matter in a sample that is susceptible to oxidation by a strong chemical oxidant. The laboratory determination shall be made in accordance with procedures set forth in "Standard Methods".
105. "City" shall mean the City of Fort Wayne, Indiana, or any duly authorized officials acting in its behalf.
106. Classification of users:
 - 106.1 "Domestic Class" user shall mean a user discharging normal domestic sewage, as hereinafter defined, into the system.
 - 106.2 "Industrial Class" user shall mean any user falling within Division A, B, D, E or I as described in the Standard Industrial Classification Manual, 1972, Office of Management

and Budget as amended and supplemented. A user described in the divisions listed therein may be excluded if it is determined that it will introduce primarily segregated domestic waste or waste from sanitary conveniences. Users not listed therein may be included in this class of customer because of production of excess strength waste or toxics in excess of limits described hereafter.

107. "Effluent" shall mean the water, together with any wastes that may be present, flowing out of a drain, sewer, receptacle or outlet.
108. "Emergency" shall mean a combination of unforeseen circumstances which require an immediate remedy. Said emergency shall be declared by the Common Council and shall be limited to a specific time period.
109. "Garbage" shall mean any solid wastes from the preparation, cooking or dispensing of food and from the handling, storage or sale of produce.
110. "Ground Garbage" shall mean garbage that is shredded to such a degree that all particles will be carried freely in suspension under the conditions normally prevailing in public sewers, with no particle being greater than one-half inch in dimension.
111. "Industrial Wastes" shall mean any solid, liquid or gaseous substance or form of energy discharged, permitted to flow or escaping from an industrial, manufacturing, commercial or business process or from the development, recovery or processing of any natural resource carried on by any person as defined in 118.
112. "Influent" shall mean the water, together with any wastes that may be present, flowing into a drain, sewer, receptacle or outlet.
113. "Major Contributing Industry" shall mean an industrial user of the publicly-owned treatment works that: (a) has a flow of 50,000 gallons or more per average work day; (b) has a flow greater than 5% of flow carried by the municipal system receiving the waste; (c) has in its waste, a toxic pollutant in toxic amounts as defined in standards issued under Section 307(a) of the Act; or (d) is found by the permit issuance authority, in connection with the issuance of the NPDES Permit to the publicly-owned treatment works receiving the waste, to have significant impact, either singularly or in combination with other contributing industries, on that treatment works or upon the quality of effluent from that treatment works.
114. "Normal Domestic Sewage" as defined for the purpose of determining eligibility for payment of surcharge shall mean sewage having an average daily suspended solids concentration of not more than 250 milligrams per liter, an average daily BOD of not more than 220 milligrams per liter, an average daily phosphorus concentration of not more than 10 milligrams per liter.

115. "NPDES Permit" shall mean a National Pollution Discharge Elimination System Permit as issued by the Indiana Stream Pollution Control Board for discharge of waste waters to navigable waters of the United States pursuant to Section 402 of Public Law 92-500.
116. "Operation and Maintenance Costs" shall mean all costs direct and indirect other than debt service necessary to insure adequate waste water treatment on a continuing basis conforming with federal, state and local requirements and to insure optimal long-term facilities management. These costs include replacement costs as defined in 123.
117. "Outlet" shall mean any outlet, natural or constructed, which is the point of final discharge of sewage or of treatment plant effluent into any watercourse, pond, ditch, lake or other body of surface or ground water.
118. "Person" shall mean any and all persons, natural or artificial, including any individual, firm, company, municipal or private corporation, commercial establishment or restaurant, association, society, institution, enterprise, governmental agency or other entity.
119. "pH" shall mean the logarithm (to the base 10) of the reciprocal of the hydrogen ion concentration of a solution expressed in gram-atoms per liter of solution.
120. Pollutants:
 - 120.1 "Compatible Pollutants" shall mean waste containing biochemical oxygen demand, suspended solids, pH and fecal coliform bacteria.
 - 120.2 "Incompatible Pollutants" shall mean waste with any pollutant that is not a compatible pollutant.
121. "Receiving Stream" shall mean the watercourse, stream or body of water receiving the waters finally discharged from the sewage treatment plant.
122. "Residential Property Unit" shall mean a building under one roof designed, arranged and used primarily for dwelling purposes by a single family.
123. "Replacement Cost" shall mean that cost stated in current monetary values as an operating cost which represents and measures the day-to-day consumption and attrition of physical assets in rendering service to users.
124. "Sanitary Sewage" shall mean sewage discharged from the sanitary conveniences of dwellings (including apartment houses and hotels), office buildings, factories or institutions and free from storm water, surface water and industrial wastes.
125. "Service Charge" shall mean the basic assessment levied on all users of the public sewerage system for wastes which do not exceed in

- strength the concentration values above which a strength-of-wastes surcharge will be made.
126. "Sewage" shall mean the water-carried wastes from residences, business buildings, institutions and industrial establishments, singular or in any combination, together with such ground, surface and storm waters as may be present.
127. "Sewage Treatment Plant" or "Water Pollution Control Plant" shall mean the arrangement of devices, structures and equipment used for treating and disposing of sewage and sludge.
128. "Sewage Utility" or "Water Pollution Control Utility" shall mean all facilities for collecting, transporting, pumping, treating and disposing of sewage and sludge, namely the sewerage system and the sewage treatment plant.
129. "Sewer" shall mean a pipe or conduit for carrying sewage or other waste liquids.
- 129.1 "Combined Sewer" shall mean a sewer which carries both storm, surface and ground-water runoff and sewage.
- 129.2 "Public Sewer" shall mean a sewer in which all owners of abutting property have equal rights and which is controlled by public authority.
- 129.3 "Sanitary Sewer" shall mean a sewer which carries sewage and to which storm, surface and ground waters and unpolluted industrial waste waters are not intentionally admitted.
- 129.4 "Storm Sewer" shall mean a sewer which carries storm, surface and ground-water drainage but excludes sewage.
130. "Sewer Engineer" shall mean the Chief Sewer Engineer of the City of Fort Wayne or his duly authorized representative; the term shall be equivalent to the expression "Water Pollution Control Engineer".
131. "Sewerage System" shall mean the network of sewers and appurtenances used for collecting, transporting and pumping sewage to the Sewage treatment plant.
132. "Shall" is mandatory; "may" is permissible.
133. "Standard Methods" shall mean the examination and analytical procedures set forth in the most recent edition of "Standard Methods for the Examination of Water and Wastewater", published jointly by the American Water Works Association and the Water Pollution Control Federation.
134. "Strength of Wastes Surcharge" shall mean the additional charges for sewage service collected from users discharging sewage into the system having a strength measurement in excess of the limits imposed elsewhere in this Ordinance.

135. "Superintendent" shall mean the Superintendent of the Sewage Treatment Plant (or Water Pollution Control Plant) of the City of Fort Wayne or his duly authorized representative.
136. "Suspended Solids" shall mean solids which either float on the surface of or are in suspension in water, sewage or other liquid and which are removable by laboratory filtration. Their concentration shall be expressed in milligrams per liter. Quantitative determinations shall be made in accordance with procedures set forth in "Standard Methods".
137. "Waste Surveillance Charge" shall mean a monthly charge collected from users qualifying as industrial class users to defray the cost of evaluating customer's waste by metering and laboratory devices and/or any other methods deemed necessary. Said charges shall be set forth in Article VII and shall be subject to review annually based on the frequency of surveillance required and the cost thereof of this class of users.
138. "Watercourse" shall mean a channel in which a flow of water occurs either continuously or intermittently.
139. "Zone Surcharge" shall mean additional charges for sewage services to be collected from users situated outside of the primary operating zone of the utility as designated by a map so entitled attached to and made a part of this Ordinance. The boundaries of said primary zone shall be reviewed annually by the Board of Public Works and changed as deemed necessary pursuant to cost of service data presented to said Board by the City Engineer.

Article II. General Provisions

201. Bylaws, Rules and Regulations. The Board of Public Works of the City of Fort Wayne shall, in accordance with the Statutes of Indiana, make and enforce whatever bylaws, rules and regulations it may deem necessary for the safe, economical and efficient management of the City's Sewage Utility, for the construction and use of building sewers and connections to the sewerage system, for the regulation, collection and refunding of the rates and charges for sewerage service and, in general, for the implementation of the provisions of this ordinance.
202. Requirements for Connecting to Public Sewers. No owner or occupant of any real property shall tap or drain either directly or indirectly into any public sewer until a sewer tap permit has been obtained and until he has satisfied his obligation to pay all assessments, reimbursements or pro rata shares of sewer extension costs laid against that property for public sewers installed to serve it. A tap permit given in error shall not operate to nullify any such obligation that has been duly recorded.

Tap permits shall be obtained from the City's Permit Office and shall be issued only to licensed sewer tap contractors, who shall pay to the Sewage Utility a fee of ten dollars for each tap permit for a normal six-inch service, a fee of twenty dollars for each tap permit for a special six-inch service and a fee of twenty dollars for each tap permit for a service larger than six inches. After making each sewer tap and building sewer installation, the tap contractor shall notify the Sewer Engineer so that the tap and the building sewer can be inspected and approved before the excavation is backfilled. Any tap or building sewer installation not made in accordance with the foregoing provisions shall be deemed an illegal installation and, upon discovery, shall be promptly disconnected at the expense of the property owner and shall remain disconnected until the provisions of this paragraph 202 have been complied with.

The Board of Public Works shall have the authority to require an owner of real property to disconnect from a building sewer which drains into a sanitary sewer any downspouts, yard drains or other drains which carry the runoff of natural precipitation. Property owners shall have thirty days after notice to comply with any such requirements.

New connections should be made only after there has been adequate assurance by City that the downstream facilities of the sewage works have adequate capacity to handle the new waste loadings.

No persons shall make connections of roof downspouts, exterior foundation drains, or other sources of surface run-off or ground water to a building sewer or building drain which is connected, directly or indirectly, to a sanitary sewer of the City.

203. Extensions of Sewers Outside Corporate Limits. The installation, construction or extension of sewers by the City outside the corporate limits of the City and the connection or extension of sewers into the City's sewerage system from, by or for properties located outside such limits shall be prohibited, except upon prior approval by the Common Council of the City by duly enacted ordinance.
204. Connections to Sewerage System by Certain Out-of-City Properties. Notwithstanding the provisions of paragraph 203, the Board of Public Works of the City shall have the authority to permit a property located outside the corporate limits of the City to connect to an existing sewer which is part of the City's sewerage system, provided the property abuts, adjoins and is immediately contiguous to the street, alley or easement in which such sewer is located and provided the property owner or occupant has complied with the conditions set out in paragraph 202.
205. Violations and Penalties. Any person found to be violating or failing to comply with any of the provisions of paragraphs 202, 206, 301, 401 through 405, 501 through 503, 602 or 605 shall be served by the City with a written notice stating the nature of the violation and providing a reasonable time limit for its satisfactory correction. The offender shall, within the period of time stated in the notice, permanently cease all violations.

Any person who shall continue any violation beyond the stated time limit shall be guilty of a misdemeanor and, upon conviction thereof, shall be subject to a fine in any amount not less than \$100.00 and not more than \$500.00. Each day in which any such violation shall continue shall be deemed a separate offense.

Any person violating any of the provisions of the paragraphs set out above and convicted thereof shall become liable to the City for any expense, loss or damage occasioned the City by reason of such violation.

206. Responsibility For City Property. No unauthorized person, firm, or corporation shall maliciously, willfully, or negligently break, damage, destroy, remove, deface, or tamper with any structure, appurtenance, or equipment which is part of or belonging to the Water Pollution Control Plant. Any person violating this provision shall be subject to immediate arrest under charge of a misdemeanor.
207. Amendment. The City of Fort Wayne reserves the right to amend this chapter of the Municipal Code, including the rates herein established, in part or in whole, as provided and permitted by the Statutes of Indiana, whenever it may deem it necessary.

Article III. Prohibited Industrial Discharges

301. Prohibitions and Limitations. Except as hereinafter provided, no person shall discharge or cause to be discharged to any public sewer any of the following described substances, wastes or waters.
- 301.1 Any liquid or vapor having a temperature higher than 160° Fahrenheit.
- 301.2 Any waters or wastes containing more than 100 milligrams per liter of fats, oils, greases or waxes.
- 301.3 Any gasoline, benzene, naphtha, fuel oil or mineral oil or any other flammable or explosive liquid, solid or gas.
- 301.4 Any noxious or malodorous gas or substance which, either alone or by interaction with other wastes, is capable of creating a public nuisance or hazard to life or of preventing entry into sewers for their maintenance and repair.
- 301.5 Any garbage that has not been properly ground.
- 301.6 Any ashes, cinders, sand, mud, straw, shavings, wood, metal, glass, rags, feathers, tar, plastics, paunch manure, butchers' offal or any other solid or viscous substances capable of causing obstruction to the flow in sewers or other interference with the proper operation of the sewerage system or the Sewage Treatment Plant.
- 301.7 Any waters or wastes having a pH lower than 6 or higher than 10 or having any other corrosive property capable of causing damage or posing hazards to the structures, equipment or personnel of the Sewage Utility.

- 301.8 Any waters or wastes containing any toxic substances in quantities that are sufficient to interfere with the biochemical processes of the Sewage Treatment Plant or that will pass through the Plant into the receiving stream in amounts exceeding the standards set by federal, interstate, state or other competent authority having jurisdiction. Specifically included are any waters or wastes containing cadmium, chromium, copper, iron, nickel, zinc or any other toxic ions, compounds or substances in concentrations or amounts exceeding the limits established from time to time by the Board of Public Works.
- 301.9 Any toxic radioactive isotopes, without a special permit. The radioactive isotopes I 131 and P 32 used in hospitals are not prohibited, if they are properly diluted before being discharged into the sewerage system, as further defined in Rules and Regulations.
- 301.10 Any waters or wastes that for a duration of 15 minutes or more have a concentration more than 5 times the average concentration of the BOD or the suspended solids of the user's sewage discharged during a twenty-four-hour period of normal operation.
- 301.11 Any waters or wastes containing suspended solids of such character and quantity that unusual provision, attention and expense would be required to handle such materials at the Sewage Treatment Plant, its pumping stations or other facilities.
- 301.12 Any waters or wastes containing incompatible pollutants as defined herein.
- 301.13 Any toxic ions, compounds or substances exceeding the amounts of concentrations listed below:

<u>Constituent</u>	<u>Concentration (mg/l)</u>
Arsenic	0.10
Barium	2.00
Cadmium	0.50
Chromium (total)	2.50
Chromium (Hexavalent)	0.50
Copper	2.00
Fluoride	2.00
Iron	5.00
Lead	0.50
Manganese	0.10
Selenium	0.02
Silver	0.20
Zinc	5.00
Mercury	0.01
Nickel	2.00
Sulphide (as S)	10.00
Tin	2.00
Cyanide	1.00
Phenol	0.50

- 301.14 The City reserves the right to refuse connection to any prospective user in the event the sewage service requirements of said user, in the judgment of the Board of Works, would impose an emergency on the utility. The City further reserves the right, in the event of an emergency, to restrict the allowable discharge received from all large system users during the time of such emergency.
302. Responsibility for Obstructing or Damaging Sewers. If a public sewer becomes obstructed or damaged because any of the aforementioned substances were improperly discharged, the person or persons responsible for such discharge shall be billed and shall pay for the expenses incurred by the City in cleaning out, repairing or rebuilding the sewer.

303. Special Agreements. No statement contained in this article shall be construed as prohibiting any special agreement or arrangement between the City and any person whereby an industrial waste of unusual strength or character may be accepted by the City for treatment either with or without pretreatment, provided there is no impairment of the functioning of the Sewage Utility by reason of the admission of such wastes and no extra costs are incurred by the City without recompense by the person.

Article IV. Admissible Commercial and Industrial Wastes

401. Prior Approval for Certain Wastes. Review and acceptance by the Superintendent shall be obtained prior to the discharge into the public sewers by any industrial class customer of sewage whose wastes have:
- 401.1 A BOD greater than 220 milligrams per liter or COD greater than 440 milligrams per liter when BOD cannot be measured.
 - 401.2 A suspended solids content greater than 250 milligrams per liter.
 - 401.3 A phosphorus content of more than 10 milligrams per liter.
 - 401.4 Other contaminants or characteristics which, from their nature or quantity, might be harmful to the structures, processes, or operations of the Sewage Utility or to health, whether by themselves or through interacting with other wastes in the public sewers.
402. Pretreatment Facilities. When, after making such a review, the Superintendent concludes that, before the person discharges his wastes into the public sewers, he must modify or eliminate those constituents which would be harmful to the structures, processes or operations of the Sewage Utility or injurious to health, then the person shall either modify his wastes at the point of origin or shall provide and operate at his own expense such preliminary treatment or processing facilities as may be determined to be necessary to render his wastes acceptable for admission to the public sewers.
403. Prior Approval of Pretreatment Facilities. Plans, specifications and any other pertinent information relating to proposed preliminary treatment or processing facilities shall be submitted to the City for examination and approval and no construction of such facilities shall begin until the City, through its Board of Public Works, has given its written approval. Such approval shall not exempt the person from the obligation to make further reasonable adaptations of such facilities when such adaptations prove necessary to secure the results desired. The approval of proposed facilities or equipment by the City does not, in any way guarantee that these facilities or equipment will function in the manner described by their constructor or manufacturer; nor shall it relieve a person, firm, or corporation of the responsibility of enlarging or otherwise modifying such facilities to accomplish the intended purpose.

404. Operation of Pretreatment Facilities. Where such preliminary treatment facilities are provided, they shall be maintained continuously in satisfactory and effective operating condition by the person at his own expense and shall be subject to periodic inspection by the City. The person shall maintain suitable operating records and shall submit to the Superintendent such monthly summary reports of the character of the influent and effluent as the latter may prescribe.
405. Grease and Sand Traps. Whenever the Board of Public Works determines that interceptors or traps are needed to protect the sewerage system or the operations of the Sewage Treatment Plant from grease, oil, sand or similar substances occurring in a user's sewage, then such traps shall be installed by the user on his own lines at his own expense and shall be so maintained by him that none of such substance can be carried over into the public sewers. All traps shall meet the City's standards as to construction, location and installation.

Article V. Control of Admissible Industrial Wastes

501. Submission of Data on Industrial Wastes. Any person who discharges industrial wastes into the City's sewerage system, either directly or indirectly, shall, upon the written request of the Board of Public Works, fill out and file with the City within ninety days an Industrial Waste Questionnaire to be furnished by the City, in which he shall set out the quantity and characteristics of the wastes discharged into the City's sewerage system. Similarly, any person desiring to establish a new connection to a public sewer for the purpose of discharging industrial wastes shall be required to fill out and file such a questionnaire, which shall include actual or predicted data relating to the quantity and characteristics of the wastes to be discharged.

When special circumstances such as the size or complexity of his sewage disposal problem would make complying with the time schedule cited above an unreasonable burden on the person, an extension of time, not to exceed ninety days, may be granted by the Board of Public Works upon presentation of a proper application.

502. Control Manholes. Any person discharging industrial wastes into a public sewer, either directly or indirectly, may be required by the Board of Public Works, upon the recommendation of the Superintendent, to construct and maintain at his own expense one or more control manholes at a specified location or locations to facilitate the observation, measurement and sampling of his wastes. Such manholes shall be constructed in accordance with the standards and specifications of the City. The Board may also require the person to install and maintain in any such manhole at said person's expense an approved volume-measuring device. Plans for the installation of control manholes and related equipment must be approved by the Board of Public Works, upon the recommendation of the Superintendent and the Sewer Engineer, before construction is begun.
503. Waste Sampling. Any industrial wastes discharged into the public sewers shall be subject to periodic inspection and determination of character and concentration. The examination shall be made as often as the Superintendent deems it necessary and may include the

use of suitable continuously monitoring instruments in appropriate cases. Samples shall be collected either manually or by approved mechanical devices and in such a manner as to be representative of the overall composition of the wastes.

The installation, operation, and maintenance of sampling facilities shall be the responsibility of the person discharging the wastes and shall be subject to the approval of the Board of Public Works. Access to sampling facilities shall be granted at all times to the Superintendent or his duly authorized representative.

Where a person's operations have security measures in force which require proper identification and clearance before entry onto said person's property is granted, such person or persons shall make the necessary arrangements with their security guards that upon showing proper identification personnel from the City will be permitted to enter, without delay for the purpose of obtaining samples of wastes or monitoring of wastes being discharged at various sampling points or the person or persons shall install suitable sampling manholes outside of the security limits, which will at all times be immediately available to City personnel.

504. Waste Analyses. Laboratory procedures used in the examination of industrial wastes shall be those set forth in "Standard Methods" or "Guidelines Establishing Test Procedures for Analysis of Pollutants" as set forth in Federal Registers 40 CFR-136 dated October 16, 1973. However, alternative methods for certain analyses of industrial wastes may be used subject to mutual agreement between the Superintendent and the user. The City shall make, without charge to the user, the initial analysis and regular periodic check analyses of the user's wastes as well as other tests the Superintendent may deem advisable. Analyses made by the City at the request of the user shall be charged to the user according to the Utility's standard work order billing practices. All such analyses shall be binding in determining strength-of-wastes surcharges and other matters dependent upon the character and concentration of wastes.
505. Use of Representative Analyses. Until an adequate analysis of a representative sample of user's wastes has been obtained, the City may, for the purpose of this ordinance, make a determination of the character and concentration of his wastes by using data based on analyses of similar processes or data for his type of business that are available from the United States Environmental Protection Agency or from industry-recognized authoritative sources. This method, if selected by the City, shall continue at the City's pleasure or until an adequate analysis has been made.

Article VI. Service Charges Based on Water Usage

601. Water Obtained from the City's Water Utility. The charges made for sewerage service rendered to each lot, parcel of real estate or building having any connection with the City's sewerage system or otherwise discharging sewage into that system, either directly or indirectly, shall be based upon the quantity of water presumed to enter the public sewers after being used in or on the property, as

the quantity is measured by the water meter or meters there in use by the City's Water Utility, except as herein otherwise provided.

602. Water Obtained from Other Sources. Where the property obtains any part or all of the water used from sources other than the City's Water Utility, the owner or the tenant may be required by the City to install and maintain at his own expense a meter or meters acceptable to the City for the purpose of measuring the quantity of water obtained from these other sources, or the City may determine the quantity of such water by whatever means and methods it may find practicable.
603. Exempt Water - General. Where a significant portion of the metered water does not and cannot enter the sewerage system, either directly or indirectly, and where the quantity of water entering the premises averages more than 2000 cubic feet per month, the person having charge of the property may request permission from the City to install at his own expense either an approved meter or meters to determine the quantity of water that cannot enter the sewerage system or an approved sewage-measuring device or devices to determine the volume of sewage that actually enters the sewerage system; when appropriate, the City reserves the right to determine by whatever other means and methods it may find practicable the percentage of the property's metered water that enters the sewerage system. In any case the service charge shall be based on the quantity of water that can or actually does enter the public sewers but in no case shall it be less than the minimum charge for the class of user served.
604. Metering of Sewage. The City may require a person to install and maintain at his own expense an approved device to measure directly the volumes of wastes discharged to the sewerage system if these volumes cannot otherwise be determined from the metered-water consumption records. The City shall inspect and approve such installations and no such service, once installed, shall be removed without the City's approval.

Article VII. User Charges

701. User Volume Charges. The water usage schedule upon which charges for services rendered by the Sewer Utility shall be based on water consumption unless otherwise metered or exempted in accordance with the following user classifications and the following charges for services for each such classification:

<u>Service Charge (cents per 100 cu. ft.)</u>	<u>Class of User</u>	
	<u>Domestic</u>	<u>Manufacturing</u>
Treatment	9.6	9.6
Conveyance, Collection, Billing	18.5	14.3
Capital	<u>4.2</u>	<u>3.2</u>
Total User Charge	<u>32.3</u>	<u>27.1</u>

702. User Minimum Charges. In the event the monthly sewage service charge calculated in accordance with the water consumption schedule exhibited above does not exceed the minimum monthly charge for each class of user as set forth hereafter, user shall pay said minimum monthly charge in lieu of the charge calculated based on water usage.

<u>Water Meter Size</u>	<u>Minimum Monthly Charge</u>
5/8" - 3/4"	1.95
1" - 1 1/2"	5.80
2"	11.85
3"	23.75
4"	39.50
6" or Larger	109.75

703. User Flat Charges. In the event any user is not a metered water customer, there shall be imposed flat charge rates as follows:

<u>Classification of Customer</u>	<u>Monthly Flat Charge (1)</u>
Domestic User -	
single family residence	\$ 4.75
multi family residence	To be estimated by City
Commercial & Industrial User	To be estimated by City

(1) Subject in addition, if applicable, to zone surcharge.

Estimates of monthly flat charges for multi-family residences shall be based on the number of family units accommodated by the system multiplied by the single family residence monthly charge.

Estimates of monthly flat charges for commercial and industrial establishments shall be either estimated based on number of employees, manufacturing processes used and other pertinent sewer use indicators or based upon outfall measurements where available.

704. Regional Contract Sewage Treatment Charges. In the event the City consummates a contract to serve as a regional treatment plant for any other municipality or private sewage utility, either contiguous to the City or in its environs, said contract shall provide for the following unit charges:

<u>Volume Charge (cents per 100 cu. ft.)</u>
Treatment
Capital Charge
<u>13.8</u>

Variable Charge (cents per 100 cu. ft.)

A variable charge for conveyance and collection costs attributable to that portion of the conveyance system and operating costs associated therewith used by the contract customer shall be computed by the City and added to the volume charge.

Flat Charge

In addition to the foregoing charges based on volume of sewage treated and conveyed each contract customer will pay a monthly billing charge of \$.50 and a monthly surveillance charge of \$75.00.

Excess Strength of Waste Surcharge

In the event a contract customer contributed waste having a strength in excess of domestic waste characteristics, as hereinbefore defined, a surcharge based on the following unit process charge will be in effect for all waste found to be in excess of limitations:

	<u>Cents Per Pound</u>
Suspended Solids - (SS) -	2.027
Biological Oxygen Demand - (BOD) -	2.029
Phosphorus - (P) -	36.084

Capital Surcharge

In the event contract customer delivers sewage for treatment to City for a period of 90 consecutive days which is in excess of base MGD contracted for, then customer will be subject to an additional capital charge computed at the capital charge (per 100 cu. ft.) then in effect times the excess percentage of MGD represented by dividing actual MGD by contracted MGD.

Zone Surcharge

The total of foregoing charges for which any contract customer will be liable to City hereunder may be increased by the zone surcharge rate set forth in Article IX hereafter if said contract customer qualifies by reason of location.

Other Provisions

In the event sewage received pursuant to any contract entered into under this section exceeds any of the limitations imposed by Chapter 24, the City shall have the right to impose all charges, limitations and penalties applicable to any non-contract user served by the City. Each contract entered into by the City pursuant to the foregoing rate classification shall provide that contract customer shall agree to enact and maintain a Sewer Use Ordinance, Industrial Cost Recovery System and User Charge System acceptable to the City and in conformance with the City's obligations under Sec. 204B(1), Public Law 92-500 as amended and supplemented and guidelines and regulations promulgated thereunder by the U. S. Environmental Protection Agency and 40 CFR 35.905-8, 35.928-1 and 35.928-2, and 35.935-13.

705. Bulk Waste Charges.

Industrial - For all industrial waste picked up from customer and hauled in City's vehicles to plant - \$85.00 per load.

Domestic - For all domestic waste delivered to plant by customer's truck or tank - \$11.00 per load.

706. Annual Review of Service Charges. Prior to May 1 of each year, the General Auditor of the City Utilities and an independent certified public accountant employed for that purpose will submit to the Board of Public Works a comparison of the calculated unit cost for flow, removal of BOD, suspended solids, and phosphorus from the sewage treatment plant influent during the previous calendar year, with the unit charges currently in effect, in order that the Board may determine whether the current service charges and surcharges are adequate or should be changed. The methodology utilized in developing this cost comparison shall include:

1. A system including the distribution of the cost of operation and maintenance of the treatment works of the WPC Utility to each user class in proportion to such user's contribution to the total waste loading of the treatment works. Factors such as strength, volume, and delivery flow characteristics shall be considered and included as the basis for the user's contribution to insure a proportional distribution of operation and maintenance and replacement costs to each user class.
2. Total annual service charges and surcharges collected from each individual user class shall be deemed sufficient if said charges have generated during the prior operating period sufficient revenue to offset the cost of all treatment works operation and maintenance provided by the Utility, including cost of management, system repair and replacement, debt retirement and other costs incidental to the Utility operation, attributable to such class.

Article VIII. Strength-of-Wastes Surcharge

801. Liability for Surcharge. Each user discharging wastes into the sewerage system shall be subject to a strength of wastes surcharge, in addition to other sewage service charges imposed by this ordinance, based on the following minimum strength characteristics to the extent that such wastes are in concentrations greater than as follows:
 - a. Biochemical oxygen demand of 220 milligrams per liter
 - b. Chemical oxygen demand of 440 milligrams per liter
 - c. Suspended solids content of 250 milligrams per liter
 - d. Phosphorus content of 10 milligrams per liter
802. Computation of Surcharge. The surcharge shall be determined as follows:
 - a. The excess pounds of BOD or COD (whichever results in the higher charge, suspended solids, and phosphorus will each be computed by first multiplying the user's billing sewage volume measured in units of 100 cubic feet for the current billing period by the factor 0.0062321 and then multiplying this product by the difference between (a) the concentrations measured in milligrams per liter of the BOD (or COD), suspended solids, and phosphorus respectively in the user's sewage and (b) the allowed concentrations set out in paragraph 801. The surcharge for each constituent will then be determined by multiplying the excess pounds of each constituent by the appropriate rate of surcharge set out in paragraph 803. In the event COD measurement is used, as herein-before provided, 50% of the excess pounds measured will be used to compute the equivalent BOD charge.
803. Rates of Surcharge. The rate of surcharge for each of the aforementioned constituents shall be as follows:

- a. For biochemical oxygen demand (BOD) - 2.027 cents per pound
 - b. For suspended solids - 2.029 cents per pound
 - c. For phosphorus -36.084 cents per pound
804. Waste Evaluation Charges. All users discharging wastes into the system requiring continuing surveillance, sampling and waste evaluation shall be subject to a monthly fixed charge to cover the costs of such services in the amount of \$75.00.
805. Revision of Rates of Surcharge. Prior to May 1 of each year, the General Auditor of the City Utilities and an independent certified public accountant employed for that purpose shall submit to the Board of Public Works a comparison of the calculated unit costs for removing BOD, suspended solids, and phosphorus from the Sewage Treatment Plant influent during the previous calendar year with the unit charges currently in effect in order that the Board may determine whether the current rates of surcharge are adequate or should be changed and request legislative enactment of said changes by the Common Council.

Article IX. Zone Surcharge

901. The charges for sewerage services rendered to users situated outside the primary zone of the City of Fort Wayne shall be 136% of the charges collected from users for the same services rendered within the primary zone as defined and described in the map attached hereto and made a part of this ordinance. The purpose of this surcharge is to recover funds contributed from civil city tax levied used heretofore to construct facilities of the sewage works located within the primary zone. This surcharge shall terminate on December 31, 1981 or after collections therefrom shall equal \$990,000, whichever occurs sooner.

Article X. Billing of Service Charges

1001. Billing Period. Charges for sewerage service shall be prepared and billed by the General Office of the City Utilities along with the bills for water service and shall be payable at the General Office at the same time as the water bills.
1002. Liability for Payment. The charges for sewerage service shall be billed to the person being billed for water service unless, by contract with the Utility, another person assumes such responsibility. If a tenant is billed, the owner shall in no way be relieved of

liability in the event payment is not made by the tenant as herein required. Such owner shall have the right to examine the City's collection records to ascertain whether such charges have been paid.

1003. First Billings. The rates, charges and surcharges fixed in this ordinance shall be extended to and cover any additional premises hereafter served without the need for any hearing or notice. If the first billing to a new user covers a period other than a full billing month, then the service charges for such billing shall be made in keeping with standard practice in the Water Utility. Subsequent sewerage service billings shall be for periods coinciding with the billing periods for water service. If such rates, charges and/or surcharges are changed, the first billing after such change may also be for a period other than a full billing month in order to keep the sewerage billing periods coincident with the water billing periods.
1004. City Subject to Charges. For sewerage service rendered to the City, the City shall be subject to the same rates and charges herein established for other persons or to rates and charges established in harmony herewith.
1005. Consolidation of Accounts. Where an industrial, commercial or other non-residential enterprise is operating in a unified manufacturing or service area composed of two or more contiguous parcels of real estate and is supplied with water through two or more meters, upon application by the owner or his authorized agent, a consolidation of the water meter readings shall be made for the purpose of calculating the sewerage service charge.

Article XI. - Delinquent Accounts

1101. How Delinquencies Arise. Charges for sewerage service levied pursuant to this ordinance shall be due and payable on or before the due dates shown on the bills. Any service charge not paid by the due date (approximately fifteen days after the bill is rendered) shall be considered delinquent. Such delinquent charge together with any applied penalty shall be collectible as hereinafter set forth.
1102. Collection Through Shutting Off Water Service. Where the property having a delinquent sewerage account is served by the City's Water Utility, the City may, after mailing a written notice at least ten days in advance to the water consumer and to the property owner, shut off the water service to the property. The water service shall not be turned back on until the delinquent service charges and the costs of shutting off and turning on the water service have been paid.
1103. Collection Through The Tax Duplicate. As provided by the Statutes of Indiana, delinquent sewerage service charges may be made a lien against the property served through certification to the Auditor and to the Recorder of Allen County. In such case, the delinquent service charges, together with a mandatory penalty of ten percent, shall be placed on the tax duplicate and be collected in the same manner as regular taxes and assessments are collected.

1104. Collection Through Court Actions. In addition to the foregoing remedies, the City shall have the right to bring a civil action to recover any delinquent charges together with a penalty of ten percent and a reasonable attorney's fee. It shall also have the right, as provided by the Statutes of Indiana, to foreclose any lien established under the provisions of paragraph 1103, with recovery of the charge, a penalty of ten percent and a reasonable attorney's fee.

Article XII. Accounting for Sewerage Service Charges

1201. The City Controller shall establish and maintain, for as long as user charges and surcharges are collected under the rate schedule instituted herein, accounts for the Sewage Works Operating Fund, Sewage Works Sinking Fund, and Sewage Works Improvement Fund as required by prior ordinances relating to the issuance of sewage works revenue bonds now outstanding and further in accordance with the laws of the State of Indiana relative to the deposit and disbursement of public funds.

Article XIII. Validity

1301. Repeal of Conflicting Provisions. All the provisions of Chapter 26, entitled "Sewers and Sewerage System", of the Municipal Code of the City of Fort Wayne (1971 Edition) and the provisions of any ordinances and regulations which may be in conflict with this ordinance are hereby repealed as of the date this ordinance takes effect.
1302. Validation Clause. The invalidity of any section, sentence, clause or provision in this ordinance shall not affect the validity of any other section, sentence, clause or provision of this ordinance which can be given effect without such invalid part or parts.

Article XIV. Effective Dates

1401. General Provisions. The provisions of this ordinance shall be in full force and effect from and after its passage, approval by the Mayor and due legal publication thereof.

FORT WAYNE WATER POLLUTION CONTROL UTILITY
Fort Wayne, Indiana

GENERAL RULES AND REGULATIONS

In accordance with the statutes of the State of Indiana and Section 201, Chapter 24, Sewers and Sewerage System, of the Fort Wayne Municipal Code, the Board of Public Works has established the following General Rules and Regulations in order to implement the safe, economical, and efficient operation of the Water Pollution Control Utility.

1. CONNECTION TO PUBLIC SANITARY SEWER REQUIRED

The Fort Wayne Municipal Code requires every property holder in the City of Fort Wayne to connect to the municipal sewerage system when a sanitary sewer is in a street, alley or easement abutting the property. A connection to the public sanitary sewer must be made within 90 days after such sanitary sewer is available.

Any and all private sewerage systems of any kind existing in or on premises where a sanitary sewer is available shall be discontinued, emptied of its contents, cleaned out and filled with earth or ashes, and the house sewer shall be disconnected from the existing private sewerage system and be connected to the sanitary sewer. (Reference Fort Wayne Municipal Code, Chapter 13, Health and Sanitation, Article VII).

2. BUILDING OR HOUSE SEWERS

- A. No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Sewer and Water Permit Office, Room #780, City County Building.
- B. All costs and expense incident to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the City for any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.
- C. A separate and independent building sewer shall be provided for every building, except where one building stands at the rear of another on an interior lot and where no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard, or driveway. The building sewer from the front building may be extended to the rear building and the whole considered as one building sewer.

- D. A building sewer shall not cross the property of another private owner unless such private owner has granted an easement for such building sewer which is duly recorded in the office of the Allen County Recorder.
- E. Old building sewers may be used in connection with new buildings only when they are found, upon examination and test to meet the current code requirements for building sewers.
- F. The size, slope, alignment, materials of construction of the building sewer, and the methods to be used in excavation, placing of the pipe, jointings, testing, and backfilling trench, shall all conform to the applicable rules and regulations of the City or the State of Indiana.
- G. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow into the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.
- H. The connection of the building sewer into the public sewer shall conform to the applicable rules and regulations of the City. All such connections shall be made gastight and watertight. Any deviation of the prescribed procedure or material must be approved by the Chief Water Pollution Control Engineer before installation.
- I. After making each sewer tap building sewer installation, the contractor shall notify the Water Pollution Control Engineering Department so that the tap and the building sewer installation can be inspected and approved before the excavation is backfilled.
- J. All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the City.

3. LICENSED SEWER TAP CONTRACTORS

In order to maintain strict control and quality of all taps made to the City's sewers, contractors must be licensed before being issued any permits for tapping public sewers. To be eligible for a sewer tap contractor's license, a contractor must either submit evidence to the Water Pollution Control Engineering Department of satisfactory sewer tap experience or satisfactorily pass an examination administered by the department, and have available the necessary equipment to perform the work.

The contractor must have public liability insurance, having at least \$50,000 per person, \$100,000 per accident, and \$10,000 property damage.

A performance bond of at least \$5,000 is required of the contractor. A certificate of the liability insurance coverage and the performance bond must be on file with the Building Department of the political subdivision having jurisdiction.

An annual fee of \$50.00 shall be paid to the Water Pollution Control Utility by each licensed sewer tap contractor.

4. EXTENSION OF CITY'S SEWERS

All new developments, subdivisions, apartment complexes, shopping centers, hotels, restaurants, or any other commercial or industrial development shall include adequate sanitary and storm sewer systems.

If adequate public sewers do not exist, then the developer shall extend or cause to be extended adequate public sewers. Plans for any public sewer extension must be approved by the City's Water Pollution Control Engineering Department. All extensions must be designed in accordance with the current sewer design criteria, city and county, and must be constructed in accordance with the City's standards and specifications.

Review of the plans and inspection during construction by the Water Pollution Control Engineering Department shall be at the expense of the developer. The charge to the developer for review and approval of the sewer plans and inspection during installation of the sewers shall be based on the actual hours expended on such review and inspection, multiplied by the prevailing hourly rates for such work.

Any sewer extensions accomplished without prior review and approval of the City Water Pollution Control Engineering Department and inspection during construction shall be deemed an illegal extension and, upon discovery, shall be promptly disconnected from the City's sewerage system.

5. LIMITATION OF CONCENTRATIONS PERMITTED IN INDUSTRIAL WASTES

In reference to Section 301.14, Chapter 24 of the Fort Wayne Municipal Code, the Board of Public Works is authorized to further limit admission of toxic wastes on an interim basis pending amendment to Chapter 24 therefor by the Common Council pursuant to said Board's finding that such limitation is required to protect the health and welfare of the citizens of Fort Wayne or to comply with requirements of federal and state agencies having jurisdiction in such matters.

6. SEPTIC TANK CLEANINGS AND INDUSTRIAL WASTES ACCEPTED AT THE TREATMENT PLANT

A. Wastes that can be treated in digesters: (1) Septic tank cleanings acceptable to the Superintendent of the Water Pollution Control Plant for treatment in the plant digesters from septic tank waste hauler trucks will be handled by the Treatment Plant for charges fixed hereinbefore in Chapter 24. (2) Milk whey and other wastes acceptable to the Superintendent of the Water Pollution Control Plant for treatment in the plant digesters from waste hauler tank trucks will be handled by the Treatment Plant for a charge as stipulated in A (1), above.

- B. Wastes that cannot be treated in digesters: Commercial or industrial wastes acceptable to the Superintendent of the Water Pollution Control Plant, but which are not acceptable for treatment in the plant digesters (i.e. which must go to lagoon or other disposal), and which are received from waste hauler tank trucks, will be handled by the Treatment Plant only on an individual contract basis as approved by the Board of Public Works, at the charge fixed in Chapter 24 for Industrial Bulk Waste.
- C. Industrial Wastes hauled by City: Industrial wastes such as cutting oils and wire drawing compounds, acceptable to the Water Pollution Control Plant Superintendent, and picked up in the Utility's tank truck (5,000 gallon capacity) for treatment at the plant will be handled for charges hereinbefore fixed in Chapter 24.

7. DEPOSITS

The Utility will require from any applicant for sewer service a cash deposit equal to their estimated billing for a period of sixty (60) days but not less than \$4.50 as a guarantee against non-payment of bills for service. The Utility will pay interest at a rate of four (4) percent per annum. After twelve (12) months satisfactory payment record, the Utility may waive such cash deposit for an applicant who is an owner of real property and whose credit is approved by the Utility. The customer has the option of allowing all interest to accrue to their deposit or may request a credit to their account each year.

If the user's bill remains unpaid for a period of 30 days after the date of the final bill or the discontinuance of service, the unpaid bill will be deducted from the deposit and the balance if any will be remitted to the depositor. Any unpaid balance remaining after the application of the deposit will be subject to all statutory collection procedures available to the Utility.

FORT WAYNE MUNICIPAL CODE
CHAPTER 34
INDUSTRIAL COST RECOVERY SYSTEM

Article I. Definitions

Unless the context specifically indicates otherwise, the meanings of the following terms as used in this ordinance or as used in the rules and regulations adopted by the Board of Public Works to implement the provisions of this ordinance shall be as follows:

101. "City" shall mean the City of Fort Wayne, Indiana, or any duly authorized officials acting in its behalf.
 102. "EPA Grant Project" shall mean City's project referred to as No. C180538 01.
 103. "Facilities Constructed" shall mean construction performed pursuant to EPA Grant Project No. C180538 01 and more specifically described as construction of treatment plant capacity additions, terminal ponds, and sludge lagoons and the engineering and other incidental costs connected therewith.
 104. "Grant Amount" shall mean the federal grant awarded City pursuant to EPA Grant Project No. C180538 01 in the amount of \$25,060,275.
 105. "Industrial Cost Recovery Charge" shall mean the payment made by an industrial user to refund said user's share of grant amount.
 106. "Industrial Cost Recovery Fund" shall mean the City cash fund through which the City Controller shall administer all recovered amounts.
 107. "Industrial User" shall mean any nongovernmental user identified in the Standard Industrial Classification Manual, 1972, Office of Management and Budget, as amended and supplemented under the following divisions:
 - Division A - Agricultural, Forestry, and Fishing
 - Division B - Mining
 - Division D - Manufacturing
 - Division E - Transportation, Communications, Electric, Gas, and Sanitary Services
 - Division I - Services
- A user in the divisions listed may be excluded if it is determined that it will introduce primarily segregated domestic waste or waste from sanitary conveniences.
108. "Non-Industrial User" shall mean any user not classified as an industrial user as hereinbefore defined.

109. "Normal Domestic Sewage" as defined for the purpose of determining eligibility for payment of surcharge shall mean sewage having an average daily suspended solids concentration of not more than 250 milligrams per liter, an average daily BOD of not more than 220 milligrams per liter, an average daily phosphorus concentration of not more than 10 milligrams per liter.
110. "Recovered Amounts" shall mean the funds collected from industrial cost recovery charges, as hereinafter defined.
111. "Recovery Period" shall mean 30 years from the date City commences use of facilities constructed pursuant to EPA grant project.
112. "Retained Amounts" shall mean fifty percent (50%) of recovered amounts.

Article II. General Provisions

201. Bylaws, Rules and Regulations. The Board of Public Works of the City shall, in accordance with the laws of the State of Indiana, make and enforce whatever bylaws, rules and regulations it may deem necessary for the regulation, collection and refunding of industrial cost recovery charges imposed by this ordinance.

Article III. Industrial Cost Recovery System

301. Establishment of the Industrial Cost Recovery System. The City shall establish by this ordinance an industrial cost recovery system for the purpose of collecting from industrial users, as hereinbefore defined, sufficient revenues to repay that portion of the grant amount attributable to the treatment of wastes from the industrial users and capacity committed to their use.
302. Industrial Cost Recovery Charges. Annual industrial cost recovery charges have been determined, pursuant to a unit process cost allocation study based on a new plant secondary treatment capacity of 60 MGD, to be the sum of the following:

	<u>Charge Per Unit</u>
For each 100 cu. ft. of flow	\$.01184
For each pound of BOD	.00490
For each pound of SS	.00680
For each pound of P	.04480
For each load of Industrial Bulk Waste	20.4000

Minimum charge:

Each industrial customer chargeable hereunder shall be subject to a charge calculated in accordance with the foregoing sewage flow and strength criteria but in no event, said calculations notwithstanding, shall any industrial user be charged less than four (4) cents per 100 cu. ft. of sewage flow (excluding exempt employee domestic sewage credits).

The foregoing charges will be billed to each eligible industrial user on a quarterly basis, in arrears, and collection of said charge shall be subject to all the collection procedures of Chapter 24 of the Fort Wayne Municipal Code.

Sixty (60) days prior to the first anniversary of the imposition of Industrial Recovery Charges hereunder, and each year thereafter until the grant amount is fully recovered, the General Auditor of the Utilities and an independent certified public accountant employed for that purpose shall report to the Board of Public Works the proportionate allocation of the recovered amount assignable to each industrial user pursuant to samples and other data collected in the preceding twelve (12) month period.

303. Audit of Industrial Cost Recovery Charges. The United States Environmental Protection Agency, or its designated agent or agency, shall be permitted to audit and examine the method of calculation of Industrial Recovery Charges collected by the City, the accounts into which such funds are deposited and disbursed, and all records of industrial waste sampling and data collected therewith.
304. Collection of Industrial Cost Recovery Charges from Contract Customers. All contracts entered into pursuant to Section 704 of Chapter 24 of Fort Wayne Municipal Code shall provide that industrial users served under such contract shall be subject to all payments required by Section 302 hereunder and further that data necessary to permit calculation of said charges on a timely basis shall be furnished the City by the contracting utility or the industrial customer served.
- Said contracts shall further provide the City the right, in the event contractee defaults its obligations to City to furnish information necessary to discharge its obligations under Chapter 34, to take samples and meter readings of contractee's customer-users subject to Industrial Cost Recovery payments, impose said charges directly on said customer-users, and make collection thereof as provided by the laws of the State of Indiana.

Article IV. Accounting for Industrial Cost
Recovery Charges Collected

401. Industrial Cost Recovery Fund. The Industrial Cost Recovery Fund shall be administered in accordance with the United States Environmental Protection Agency Guidelines pursuant to 40 CFR 35.928 as follows:
- a. City Controller shall retain in trust fifty percent (50%) of the funds collected from industrial cost recovery charges. The remainder fifty percent (50%), together with any interest earned thereon, shall be disbursed to the United States Treasury on an annual basis.

- b. A minimum of eighty percent (80%) of the funds retained in trust by the City Controller, as provided in (a) above, together with any interest earned thereon, shall be used solely for defraying the cost of expansion and reconstruction of the sewage works; provided, however, such expenditures qualify as eligible costs pursuant to paragraph 40 CFR 35.940 of Construction Grants Regulations. Prior to the commitment or disbursement or the use of any retained funds for expansion and reconstruction of the sewage works, the City Controller shall obtain in writing the approval for such commitment or expenditure from the Regional Administrator of the United States Environmental Protection Agency. The remaining twenty percent (20%) of the retained funds not used for expansion and reconstruction of the sewage works together with any interest earned thereon shall be transferred to the Sewage Works Improvement Fund.
- c. The City Controller shall be authorized to invest the retained amounts for reconstruction and expansion referred to in (b) above in obligations of the United States Government, or any obligations guaranteed as to principal and interest by the United States government or any agency thereof, or in accounts fully collateralized by obligations of the United States government or by obligations fully guaranteed as to principal and interest by the United States government or any agency thereof; provided, however, that said investment of such funds shall not constitute a conflict in the obligations of office imposed by the laws of the State of Indiana as to the duties and other legal requirements of a City Controller in the State of Indiana.

Article V. Validity

- 501. Repeal of Conflicting Provisions. All the provisions of Chapter 26 entitled "Sewers and Sewerage System" of the Municipal Code of the City of Fort Wayne (1971 Edition) and the provisions of any ordinances and regulations which may be in conflict with this ordinance are hereby repealed as of the date this ordinance takes effect.
- 502. Validation Clause. The invalidity of any section, sentence, clause or provision in this ordinance shall not affect the validity of any other section, sentence, clause or provision of this ordinance which can be given effect without such invalid part or parts.

Article VI. Effective Dates

- 601. General Provisions. The provisions of this ordinance shall be in full force and effect from and after its passage, approval by the Mayor and due legal publication thereof.

RECEIVED
CITY OF PORT WYNE
TITLE OF ORDINANCE SPECIAL ORDINANCE - USER CHARGE SYSTEM AND INDUSTRIAL COST RECOVERY
SYSTEM AND AMENDED CHAPTER 24 AND NEW CHAPTER 34 OF THE PORT WAYNE MUNICIPAL CODE.
DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

6-77-06-25

SYNOPSIS OF ORDINANCE APPROVAL OF FINAL REVISED WASTE TREATMENT COST RECOVERY REPORT

WHICH IS FILED WITH EPA IN CONNECTION WITH CITY'S GRANT C180538 01. THIS CONTAINS

USER CHARGE SYSTEM AND INDUSTRIAL COST RECOVERY SYSTEM AS WELL AS REGIONAL CONTRACT

RATES AND A MODEL CONTRACT. THIS ALSO INCLUDES APPROVAL OF AMENDED CHAPTER 24 AND

NEW CHAPTER 34 OF THE PORT WAYNE MUNICIPAL CODE. ALL AS IN ATTACHED EXHIBIT "A"

7-26-77

EFFECT OF PASSAGE ABILITY TO RECEIVE BALANCE OF GRANT IN AMOUNT OF \$5 MILLION.

EFFECT OF NON-PASSAGE LOSS OF BALANCE OF GRANT IN AMOUNT OF \$5 MILLION.

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) _____

ASSIGNED TO COMMITTEE _____

NOTICE OF PUBLIC HEARING

Notice is hereby given that the Common Council of the City of Fort Wayne, Indiana, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on Monday, the 6th day of June, 1977, at 7:30 o'clock, Eastern Standard Time, will hold a Public Hearing on the Final Revised Waste Treatment Cost Recovery Report in connection with WPC Grant No. C180538 01 and proposed amended Chapters 24 and 34 of the Fort Wayne Municipal Code.

ATTEST:



Charles W. Westerman

Charles W. Westerman
City Clerk



THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

room 122

charles w. westerman, clerk

May 23, 1977

Ms. Virginia Grace
Fort Wayne Newspapers, Inc.
600 West Main Street
Fort Wayne, IN 46802

Dear Ms. Grace:

Please give the attached full coverage on the dates May 25 and June 1, 1977,
in both the News Sentinel and Journal Gazette.

RE: Legal Notice for Common
Council of Fort Wayne, IN

Massage Parlor Ordinance
Bill No. G-77-04-36
General Ordinance No. G-15-77

Notice of Public Hearing
June 6, 1977

Please send us five (5) copies of the Publisher's Affidavit from both
newspapers.

Thank you.

Sincerely,

Charles W. Westerman
City Clerk

CWW/ne
ENCL: 2

Common Council of Fort Wayne
(Governmental Unit)

To THE NEWS-SENTINEL

Dr.

Allen

County, Ind.

FORT WAYNE, INDIANA

PUBLISHER'S CLAIM

LINE COUNT

Display Matter (Must not exceed two actual lines, neither of which shall total more than four solid lines of the type in which the body of the advertisement is set) — number of equivalent lines

Head number of lines

Body number of lines

Tail number of lines

Total number of lines in notice

1

14

2

17

COMPUTATION OF CHARGES

17 lines, 1 columns wide equals 17 equivalent lines at .259¢

\$ 4.40

Additional charge for notices containing rule or tabular work (50 per cent of above amount)

Charge for extra proofs of publication (50 cents for each proof in excess of two)

1.50

TOTAL AMOUNT OF CLAIM

\$ 5.90

DATA FOR COMPUTING COST

Width of single column 9.9 ems

Size of type 5 1/2 point

Number of insertions 2

Size of quad upon which type is cast 5 1/2

Pursuant to the provision and penalties of Ch. 89, Acts 1967,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

V. E. Gerken

Date June 1, 1977

Title CLERK

PUBLISHER'S AFFIDAVIT

State of Indiana } ss:
Allen County }

Personally appeared before me, a notary public in and for said county and state, the undersigned V. E. GERKEN who, being duly sworn, says that she is CLERK of the

NEWS-SENTINEL

a DAILY newspaper of general circulation printed and published in the English language in the city of FORT WAYNE, INDIANA in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 2 time s, the dates of publication being as follows:

5/25 & 6/1/77

Subscribed and sworn to before me this 1st day of June 1977

Notary Public

My commission expires September 28, 1979

NOTICE OF PUBLIC HEARING
Notice is hereby given that the Common Council of the City of Fort Wayne, Indiana at the Council Chambers, City County Building, Fort Wayne, Indiana, on Monday, the 6th day of June, 1977, at 7:30 o'clock, Eastern Standard Time, will hold a Public Hearing on the Final Revised Waste Treatment Cost Recovery Report in connection with WPC Grant No. C180538 01 and proposed amended Chapters 24 and 34 of the Fort Wayne Municipal Code.

ATTEST:
CHARLES W. WESTERMAN
City Clerk

ATTACH COPY OF
ADVERTISEMENT HERE

Common Council of Fort Wayne
(Governmental Unit)

To JOURNAL-GAZETTE Dr.

Allen County, Ind.

FORT WAYNE, INDIANA

PUBLISHER'S CLAIM

LINE COUNT

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Tail number of lines

Total number of lines in notice

1

14

2

17

COMPUTATION OF CHARGES

17 lines, 1 columns wide equals 17 equivalent lines at .25¢ cents per line

4.40

Additional charge for notices containing rule or tabular work (50 per cent of above amount)

Charge for extra proofs of publication (50 cents for each proof in excess of two)

1.50

TOTAL AMOUNT OF CLAIM

5.90

DATA FOR COMPUTING COST

Width of single column 9.9 ems

Size of type 5 1/2 point

Number of insertions 2

Size of quad upon which type is cast 5 1/2

Pursuant to the provision and penalties of Ch. 89, Acts 1967,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

Date June 1, 1977

Arvilla DeWald
CLERK

PUBLISHER'S AFFIDAVIT

State of Indiana }
Allen County } ss:

Personally appeared before me, a notary public in and for said county and state, the undersigned ARVILLA DEWALD who, being duly sworn, says that she is CLERK of the

JOURNAL-GAZETTE

a DAILY newspaper of general circulation printed and published in the English language in the city of FORT WAYNE, INDIANA in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 2 time s, the dates of publication being as follows:

5/25 & 6/1/77

Subscribed and sworn to before me this 1st day of June 1977

Notary Public

My commission expires September 28, 1979

NOTICE OF PUBLIC HEARING
Notice is hereby given that the Common Council of the City of Fort Wayne, Indiana at the Council Chambers, City-County Building, Fort Wayne, Indiana, on Monday, the 6th day of June, 1977, at 7:30 o'clock, Eastern Standard Time, will hold a Public Hearing on the Final Revised Waste Treatment Cost Recovery Report in connection with WPC Grant No. C16781-01 and proposed amended Chapters 24 and 34 of the Fort Wayne Municipal Code.

ATTEST:

CHARLES W. WESTERMAN
City ClerkPY OF
NT HERE

NOTICE OF PUBLIC HEARING

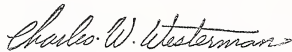
Notice is hereby given that the Common Council of the City of Fort Wayne, at the Council Chambers, Room 126, in the City-County Building, Fort Wayne, Indiana, on Tuesday, the 12th day of July, 1977, at 7:30 o'clock P.M., Eastern Standard Time, will hold a public hearing on Bill No. G-77-06-25 being a proposed General Ordinance approving the Final Revised Waste Treatment Cost Recovery Report and amend Chapter 24 and approve a new Chapter 34 of The Code of the City of Fort Wayne, Indiana of 1974.

Copies of said Bill No. G-77-06-25 are posted in the following public places in Fort Wayne, Allen County, Indiana.

- (a) The main floor lobby of the City-County Building
- (b) The bulletin board in the lobby at the east door of the Allen County Court House
- (c) The bulletin board in the lobby of the Downtown Fort Wayne Public Library

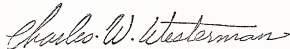
Copies of said proposed ordinance are also available for reading in the following public places in Fort Wayne, Indiana.

- (a) The Reference Room in the north end of the main floor in said Downtown Fort Wayne Public Library
- (b) The Journal of the Common Council Proceedings in the Office of the City Clerk of Fort Wayne, Indiana, Room 122, City-County Building, Fort Wayne, Indiana



Charles W. Westerman
City Clerk

I, Charles W. Westerman, Clerk of the City of Fort Wayne, Indiana, fulfilled and posted the above proposed Ordinance in the designated places as stated above on July 1, 1977



Charles W. Westerman
City Clerk



THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

room 122

charles w. westerman, clerk

June 29, 1977

Ms. Virginia Grace
Fort Wayne Newspapers, Inc.
600 West Main Street
Fort Wayne, Indiana 46802

Dear Ms. Grace:

Please give the attached full coverage on the dates of July 1 and July 8, 1977, in both the News Sentinel and Journal Gazette.

RE: Legal Notice of Public Hearing
Bill No. G-77-06-25

Please send us six (6) copies of the Publisher's Affidavit from both newspapers.

Thank you.

Sincerely,

Charles W. Westerman
City Clerk

CWW/ne
ENCL: 1



Common Council of Fort Wayne
(Governmental Unit)

To JOURNAL-GAZETTE Dr.

Allen County, Ind.

FORT WAYNE, INDIANA

PUBLISHER'S CLAIM

LINE COUNT

Matter (Must not exceed two actual lines, neither of which shall total more than four solid lines of the type in which the body of the advertisement is set) — number of equivalent lines	_____
Head number of lines	<u>1</u>
Body number of lines	<u>47</u>
Tail number of lines	<u>2</u>
Total number of lines in notice	<u>50</u>

COMPUTATION OF CHARGES

50 lines, 1 columns wide equals 50 equivalent lines at 25% cents per line **\$ 12.95**

Additional charge for notices containing rule or tabular work (50 per cent of above amount) _____

Charge for extra proofs of publication (50 cents for each proof in excess of two) **2.00**

TOTAL AMOUNT OF CLAIM **\$ 14.95**

DATA FOR COMPUTING COST

Width of single column 9.9 ems Size of type 5 1/2 point
Number of insertions 2 Size of quad upon which type is cast 5 1/2

Pursuant to the provision and penalties of Ch. 89, Acts 1967,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

Date July 8, 19 77Title CLERK

NOTICE OF PUBLIC HEARING
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Charles W. Westernman
City Clerk

I, Charles W. Westernman, Clerk of the City of Fort Wayne, Indiana, fulfilled and posted the above proposed Ordinance in the designated places as stated above on July 1, 1977.

Charles W. Westernman
City Clerk

PUBLISHER'S AFFIDAVIT

State of Indiana }
Allen County } as:

Personally appeared before me, a notary public in and for said county and state, the undersigned ARVILLA DEWALD who, being duly sworn, says that she is _____ CLERK of the

JOURNAL-GAZETTE
DAILY newspaper of general circulation printed and published in the English language in the city of FORT WAYNE, INDIANA

in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 2 time per the dates of publication being as follows:

7/2-8/77

Subscribed and sworn to before me this 8th day of July, 1977

Arvilla Dewald
Notary Public

My commission expires September 28, 1979

Common Council of Fort Wayne
(Governmental Unit)

To THE NEWS-SENTINEL Dr.

Allen County, Ind.

FORT WAYNE, INDIANA

PUBLISHER'S CLAIM

LINE COUNT

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Tail number of lines

Total number of lines in notice

1

47

2

50

COMPUTATION OF CHARGES

50 lines, 1 columns wide equals 50 equivalent lines at .2594 cents per line

\$ 12.95

Additional charge for notices containing rule or tabular work (50 per cent of above amount)

Charge for extra proofs of publication (50 cents for each proof in excess of two)

2.00

TOTAL AMOUNT OF CLAIM

\$ 14.95

DATA FOR COMPUTING COST

Width of single column 9.9 cms

Size of type 5 1/2 point

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Charles W. Westerman
City Clerk

I, Charles W. Westerman, Clerk of the City of Fort Wayne, Indiana, fulfilled and posted the above proposed Ordinance in the designated places as stated above on July 1, 1977.

Charles W. Westerman
City Clerk

PUBLISHER'S AFFIDAVIT

State of Indiana
Allen County } as:

Personally appeared before me, a notary public in and for said county and state, the undersigned V. E. GERKEN who, being duly sworn, says that she is CLERK

NEWS-SENTINEL

a DAILY newspaper of general circulation printed and published

in the English language in the city of FORT WAYNE, INDIANA in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 2 times, the dates of publication being as follows:

7/2 & 7/7

Subscribed and sworn to before me this 8th day of July, 1977

Notary Public

My commission expires September 28, 1979